

**MEMORANDUM OF AGREEMENT AMONG THE
FORT ORD REUSE AUTHORITY, MONTEREY COUNTY AND CITIES OF
SEASIDE, MONTEREY, DEL REY OAKS AND MARINA, CALIFORNIA STATE
UNIVERSITY MONTEREY BAY, UNIVERSITY OF CALIFORNIA SANTA CRUZ,
MONTEREY PENINSULA COLLEGE, AND THE
DEPARTMENT OF TOXIC SUBSTANCES CONTROL
CONCERNING MONITORING AND REPORTING ON ENVIRONMENTAL
RESTRICTIONS ON
THE FORMER FORT ORD, MONTEREY COUNTY, CALIFORNIA (HEREINAFTER
REFERRED TO AS "AGREEMENT")**

This Agreement is made and entered into, by and among the State Department of Toxic Substances Control ("Department"), and the Respondents including the Fort Ord Reuse Authority ("FORA"), Monterey County ("County"), the City of Seaside ("Seaside"), the City of Monterey ("Monterey"), the City of Del Rey Oaks ("Del Rey Oaks"), the City of Marina ("Marina"), California State University Monterey Bay ("CSUMB"), University of California Santa Cruz ("UCSC"), and Monterey Peninsula College ("MPC") pursuant to Health and Safety Code section 25355.5 (a)(1)(c). The cities, County, CSUMB, UCSC, and MPC are collectively referred to as "jurisdictions." This agreement:

- Requires the jurisdictions to monitor compliance with all land use covenants ("LUCs"), including those imposed after this Agreement is executed, for all property on the former Fort Ord, except Fort Ord Dunes State Park, which will be transferred to the State of California Department of Parks and Recreation.
- Requires the jurisdictions to report to FORA or the County concerning their compliance with all recorded LUCs within their jurisdiction.
- Requires FORA or the County to compile data in the jurisdiction reports and transmit those data in a report to the Department. FORA or the County will report to the Department from the effective date of this Agreement until FORA ceases to exist. The possibility of extending FORA's existence will be explored in 2013. If the Legislature extends FORA's existence, FORA will remain the reporting agency for this agreement after June 20, 2014 or until FORA ceases to exist. When FORA ceases to exist, the County will become responsible for compiling the jurisdictions' monitoring reports and transmittal of the compiled report to the Department.
- Provides funding for the Department's review and oversight costs relating to this agreement and all covenants referred to above (see Section 1.16 below).

1.0 Background

- 1.1 Fort Ord was selected for closure in 1991 under Public Law 101-510, the Base Realignment and Closure Act of 1990. Soldiers remained on the base until



1993. Some of the former Fort Ord property is owned by the United States Army ("Army"). Some former Fort Ord property has transferred and will transfer to various cities, other entities and the County. A detailed map of the former Fort Ord with affected Parcels identified is provided as Attachment 1. This map will be updated annually by FORA/the County as part of the annual report.

- 1.2 In 1990, Fort Ord was listed on the National Priorities List ("Superfund"). In 1990, the Fort Ord Federal Facility Agreement was signed by the Army, the United States Environmental Protection Agency, the Department and the California Regional Water Quality Control Board, Central Coast Region. The entire Property is undergoing, or has undergone, the federal Comprehensive Environmental Compensation and Liability Act ("CERCLA") remediation process.
- 1.3 LUCs are required under state law for any properties having remnant hazardous materials. Covenants are placed on such properties being transferred from the federal government to a subsequent owner. Portions of Fort Ord were used as practice ranges and/or maneuver areas for military munitions training. The Army and/or private professionals have and will continue to investigate and clean up the munitions and explosives of concern ("MEC"). FORA cannot find all MEC using current technology. FORA cannot safely remove MEC until it is found. FORA's goals for the subject Environmental Services Cooperative Agreement property are to: a) locate and remove as much MEC as possible, and b) minimize MEC-related risk. FORA is committed to achieving those goals to a level established by the Department before it transfers former munitions areas to local jurisdictions for reuse. Remedies for several MEC areas and potential MEC areas have been selected in the following Records of Decision:

- Interim Action For Ordnance and Explosives at Ranges 43-48, Range 30A and MRS-16 (dated September 13, 2002, signed September 26, 1994)
- No Further Action Related to Munitions and Explosives of Concern, Track 1 Sites, No Further Remedial Action with Monitoring for Risks from Chemical Contamination at Site 3 (MRS-22) (dated March 10, 2005, signed April 6, 2005) (Track 1)

The parties to this Agreement anticipate the following Records of Decision for MEC to be signed in 2007:

- Track 2 Munitions Response Parker Flats Munitions Response Area
- Track 3 Impact Area Munitions Response Area

- 1.4 The County adopted Ordinance No. 5012¹, amending the County Code to include Chapter 16.10, titled “*Digging and Excavation on the Former Fort Ord.*” The ordinance prohibits excavation, digging, development or ground disturbance of any type that involves the displacement of ten (10) cubic yards or more of soil without a permit. Chapter 16.10 also indicates that the County will also enter into an Agreement with the Department to provide additional safety measures and reporting (Ordinance 5012 § 1 (part), 2005). This Memorandum of Agreement fulfills that reporting requirement.
- 1.5 The City of Marina adopted Ordinance No. 98-04 amending the Municipal Code to add Chapter 15.56. That Ordinance prohibits excavation, digging, development or ground disturbance of any type on the former Fort Ord that involves the displacement of ten (10) cubic feet or more of soil without a permit. The parties anticipate that the City of Marina will amend Municipal Code to add Chapter 15.56 to prohibit excavation, digging, development or ground disturbance of any type that involves the displacement of ten (10) cubic yards or more of soil without a permit to be consistent with adjacent jurisdictions’ municipal codes.
- 1.6 The City of Del Rey Oaks adopted Ordinance No. 259 amending the Municipal Code to add Chapter 15.48. The ordinance prohibits excavation, digging, development or ground disturbance of any type on the former Fort Ord that involves the displacement of ten (10) cubic yards or more of soil without a permit.
- 1.7 The City of Seaside adopted Ordinance No. 924, amending the Municipal Code to add Chapter 15.34. The ordinance prohibits excavation, digging, development or ground disturbance of any type that involves the displacement of ten (10) cubic yards or more of soil without a permit on the former Fort Ord.
- 1.8 The City of Monterey adopted Ordinance No. 3384, amending the Municipal Code to add Chapter 9 Article 8. The ordinance prohibits excavation, digging, developing or ground disturbing activities of any type that involves the displacement of ten (10) cubic feet or more of soil without a permit on the former Fort Ord.
- 1.9 FORA Resolution 98-1 contains measures that avoid/ minimize impacts from hazardous material (See Attachment 2, FORA Resolution 98-1).
- 1.10 Non-MEC hazardous waste and/or hazardous substances were disposed of in various locations throughout Fort Ord. The Army remediated many of these locations. There are, however, locations where wastes remain, such as Operable Unit 2 (“OU2”) Landfill. Measures must be taken at these locations to assure that they can be safely used. The Department requires LUCs in

¹ As the State of California acting in a higher education capacity, CSUMB, UCSC, and MPC are not bound by local regulations and specifically the ordinances and regulations discussed in Sections 1.4—1.9 and 1.12—1.14.

these cases. Remedies for these sites, which may include institutional controls including LUCs, were selected in the following Records of Decision ("ROD"):

- Interim Action ROD, Contaminated Surface Soil Remediation (dated February 23, 1994, signed March 15, 1994)
- OU2, Fort Ord Landfills (dated July 15, 1994, signed August 23, 1994)
- Remedial Investigation Sites (dated January 13, 1997, signed January 24, 1997)

1.11 Portions of Fort Ord overlie contaminated groundwater. The contaminated groundwater at OU1, OU2 and Sites 2/12 is currently being remediated by the Army via comprehensive pumping and treatment systems. Activities which may affect the groundwater monitoring, pumping and treatment systems must be prevented. To achieve that goal, authorized representatives must be allowed to enter these areas. Well drilling in contaminated areas and consumption of unsafe groundwater must also be prevented. Remedies for these sites, which include institutional controls, were selected in the following Records of Decision:

- Operable Unit 1 ("OU1") Fritzsche Army Airfield, Fire Drill Area (dated July 25, 1995, signed May 8, 1996)
- OU2, Fort Ord Landfills (dated July 15, 1994, signed August 23, 1994)
- Remedial Investigation Sites, including Sites 2/12 Groundwater Remedy (dated January 13, 1997, signed January 24, 1997)

The parties expect the following Groundwater ROD will be signed in 2007:

- Operable Unit Carbon Tetrachloride Plume ("OUCTP")

1.12 The County adopted Ordinance No. 4011. Ordinance 4011, which amends and adds to Chapter 15.08 of Title 15 of the County Code, indicates that *"in areas overlying or adjacent to the contaminant plumes on the former Fort Ord ("Prohibition Zone"), water well construction shall be prohibited and no application for a ministerial well permit shall be accepted for any real properties within the Prohibition Zone area. The Prohibition Zone area is identified on the former Fort Ord, Special Ground Water Protection Zone Map, prepared and maintained by the United States Army and on file in the County of Monterey, Department of Health."*

- 1.13 Chapter 13.12 of the City of Marina Municipal Code regulates the construction of water wells so as to protect the quality of groundwater. Section 13.12.030 of the City Code requires a written permit to construct a water well first be obtained from the County.
- 1.14 Chapter 8.24 of the City of Seaside Municipal Code regulates the construction of water wells so as to protect the quality of groundwater and requires a written permit to construct a water well to be approved by the health officer.
- 1.15 The Army and the Department have or will enter into, Covenants to Restrict Use of Property (hereinafter referred to as "Covenants") prior to transfer of the Property. The purpose of these Covenants is to prohibit certain land uses on Fort Ord. FORA and other entities may also enter into such covenants directly with the Department. After EPA has selected one or more remedies for the Property in a ROD(s), the then-current land owner, the Department and Regional Water Quality Control Board ("RWQCB") may, if appropriate, modify or remove the restrictions in the LUC to be consistent with the land and water use restrictions, if any, selected in the ROD(s). The land use covenants variously include restrictions based on MEC, lead based paint, groundwater contamination and proximity to the landfill.
- 1.16 FORA, the County and the jurisdictions enter into this agreement to monitor and report on compliance with all covenants, past, present and future, signed for all former Fort Ord property except for Fort Ord Dunes State Park. FORA will pay the Department's invoices from the effective date of this agreement until FORA ceases to exist. (See California Code of Regulations (hereinafter referred to as "CCR"), Title 22, Division 4.5, Chapter 39, section 67391.1 and Health and Safety Code section 25355.5 (a)(1)(c)). The County agrees to pay the Department's costs from and after the date FORA ceases to exist (See Section 3.14).
- 1.17 Attachment 3 (Table 3-1) contains a summary of the recorded LUCs as of the date of this agreement. The summary also lists the restrictions in the covenant and the associated monitoring requirements.
- 1.18 FORA will supplement the property descriptions as set forth in the LUCs with specific GPS coordinates. These GPS coordinates will be included in the annual report.
- 1.19 The references to "schools" in this agreement and in Attachment 4 do not include post-secondary schools.

The Parties agree as follows:

2.0 Implementation of This Agreement

- 2.1 The above recitals are incorporated into this Agreement. FORA, the County

and the jurisdictions agree that this Agreement applies to all properties on the former Fort Ord except Fort Ord Dunes State Park. The parties agree to perform the following tasks:

2.1.1 Annual Review of Compliance with LUCs

Annually (starting on July 1 and being completed by June 30 of each year), the jurisdictions shall:

- a. Inspect each property within their jurisdiction for which a covenant has been signed, to assure compliance with all restrictions, and report findings to FORA/County in the report format provided in Attachment 4. CSUMB, UCSC, and MPC will report findings directly to FORA/County. The City of Marina, the City of Seaside, the City of Del Rey Oaks, the City of Monterey, and Monterey County will not report on CSUMB, UCSC, and MPC's properties, explicitly defined in Attachment 3 "Table 3-1 Summary of Land Use Covenants." If property owners other than CSUMB, UCSC, and MPC have multiple parcels within multiple jurisdictions, each jurisdiction will be responsible to report on only those properties within their jurisdiction. The number of annual reports to be provided by the local jurisdictions will be based on the initial land conveyance parcels as described in Table 3-1, and the total number of reports will not increase over time as land is subsequently sold and subdivided (i.e. the Department does not expect one report for each subsequent Assessor's Parcel Number).
- b. Check with the applicable building departments or campus planning and development departments to ensure no structures were approved or built in violation of any covenant and report findings to FORA/County.
- c. Check with the applicable planning departments or campus planning and development departments to assure no uses were approved in violation of any covenant.
- d. All jurisdictions shall review the jurisdiction well permit applications or the institution records, in the case of CSUMB, UCSC, and MPC, to ensure no wells have been approved, dug or installed in violation of the ordinance or the covenants.

2.1.2 Annual Review of Local Ordinances²

- a. Summarize compliance with the jurisdictions' digging ordinances, including the number of permits issued.

² Section 2.1.2 does not apply to CSUMB, UCSC, and MPC.

- b. Document any changes to the jurisdictions' excavation/grading ordinances.
- c. Document any changes to the jurisdiction well permit ordinances.
- d. FORA and the County, in conjunction with the Department and in consultation with RWQCB, will annually, prior to June 30th, update and distribute copies to the other parties to this agreement:
 - 1. The map illustrating parcels with LUCs (Attachment 1)
 - 2. Table 3-1 summarizing LUCs for the Fort Ord property (Attachment 3)
 - 3. Changes to County Digging and Excavation on the former Fort Ord Ordinance No. 5012
 - 4. Changes to the County Groundwater Ordinance No. 4011

2.2 MEC Incident Reporting (*pending Department discussions with Army*)

For parcels that have been transferred and are not being regulated under the former Fort Ord Munitions Response Site (hereinafter referred to as "MRS") Site Security Plan, the Department requests FORA and the County to provide data regarding MEC found at the parcels. The Department requests to track MEC found at parcels where cleanup has been completed, although some MEC may remain in place at depth.

On an annual basis, the jurisdictions agree to report 911 call data for MEC found, including but not limited to:

- a) date and time of the call,
- b) contact name,
- c) location of MEC finding,
- d) type of munitions, if available and
- e) response of jurisdiction law enforcement agency.

2.3 Annual Report

No later than September 1 of each year, FORA agrees to submit a report to the Department describing compliance with each of the prohibited activities and uses listed in the covenants. The County agrees to submit this report when FORA ceases to exist. The letter report will summarize the annual reviews conducted under 2.1 and 2.2 above. A Draft Annual Report outline is provided in Attachment 4. This report outline provides the minimum requirements for the annual report. Other information gathered during inspections or records searches should be attached (i.e., inspection notes and photos of violations, excavation permits, applicable County well records, and other relevant data). Each jurisdiction will certify the accuracy and

To City Of Marina	City Manager City of Marina 211 Hillcrest Avenue Marina, California 93933
To City Of Seaside	City Manager City of Seaside 440 Harcourt Avenue Seaside, California 93955
To City Of Del Rey Oaks	City Manager City of Del Rey Oaks 650 Canyon Del Rey Del Rey Oaks, California 93940
To University of California Santa Cruz	Chancellor University of California Santa Cruz 1156 High Street Santa Cruz, California 95064
To California State University Monterey Bay	<i>VICE</i> President <i>for ADMIN. & FINANCE</i> CSU Monterey Bay 100 Campus Center Seaside, California 93955
To Monterey Peninsula College	Superintendent/President Monterey Peninsula College 980 Fremont Street Monterey, California 93940
To Department:	Anthony Landis, Chief Northern California Operations Office of Military Facilities Department of Toxic Substances Control 8800 Cal Center Drive Sacramento, California 95826

3.2 Obligations of the Department. The Department agrees to review and oversee the measures to be performed by FORA, jurisdictions and the County under this Agreement.

3.3 Coordinator. The FORA Coordinator is the Executive Officer. The Coordinator is responsible for receiving and submitting all notices, comments, approvals, and other communications to and from the Department until FORA

ceases to exist. The County Coordinator is the Monterey County Health Department Director of Health. The County Coordinator will receive and submit all notices, comments, approvals, and other communications from and to the Department after FORA ceases to exist.

- 3.4 Submittals. All submittals, reports and notifications from FORA and the County that are required by this Agreement shall be sent to:

Anthony Landis, Chief
Northern California Operations
Office of Military Facilities
Department of Toxic Substances Control
8800 Cal Center Drive
Sacramento, California 95826

- 3.5 Communications. FORA and the County may not be relieved of their obligation to obtain formal approvals by informal advice, guidance, suggestions or comments given by the Department regarding reports, plans, specifications, schedules or any other writings by FORA, County and jurisdictions.
- 3.6 Department Review and Approval. If the Department determines that any report, plan, schedule or other document submitted to the Department for approval under this Agreement fails to comply with this Agreement or fails to protect public health or safety or the environment, the Department may return comments to FORA, the County and or jurisdictions with recommended changes and a date by which a revised document must be submitted to the Department incorporating the recommended changes.
- 3.7 Compliance with Applicable Laws. FORA, the County and jurisdictions shall carry out this Agreement in compliance with all applicable local, state, and federal requirements, including, but not limited to, requirements to obtain permits and to assure worker safety. CSUMB, UCSC, and MPC are not bound by local regulations when they act in their higher education capacity.
- 3.8 Liabilities. This Agreement does not satisfy or release FORA, the County or jurisdictions from liability for any conditions or claims arising as a result of their current or future operations. This Agreement does not limit or preclude the Department from taking any lawful act to protect public health or safety or the environment and recovering the cost thereof. Notwithstanding compliance with this Agreement, the Department may require FORA, the County and jurisdictions to take further actions necessary to protect public health and the environment.
- 3.9 Record Retention. All data, reports and other documents including email, and electronic deliverables required by this Agreement shall be transferred to the County within 90 days after the FORA agreement period ends (i.e., six years

and three months unless FORA's existence is extended). The County shall preserve the records for a minimum of ten (10) years after the conclusion of all activities under this Agreement. If the Department requests that some or all of these documents be preserved for a longer period of time, FORA and the County shall either comply with that request or deliver the documents to the Department, or permit the Department to copy the documents prior to destruction. FORA and the County shall notify the Department in writing at least six (6) months prior to destroying any documents prepared pursuant to this Agreement.

- 3.10 State Liabilities. The State of California is not liable for personal injuries or property damage resulting from acts or omissions by FORA, the County and/or the jurisdictions, in carrying out activities pursuant to this Agreement, nor shall the State of California be held as a party to any contract entered into by FORA, the County, the jurisdictions or its agents in carrying out this Agreement.
- 3.11 Severability. The requirements of this Agreement are severable, and FORA, the County and the jurisdictions and/or shall comply with each and every provision hereof notwithstanding the effectiveness of any other provision.
- 3.12 Modification and Termination. FORA, the County and/or the jurisdictions may, upon written request, seek modification or termination of this Agreement at any time. In addition to modification as provided elsewhere in this Agreement, this Agreement may only be modified or terminated by mutual written agreement of the parties at any time.
- 3.13 Parties Bound. This Agreement applies to and is binding upon FORA, the County and jurisdictions and its officers, directors, agents, employees, successors and assignees, including but not limited to individuals, partners, and subsidiary and parent corporations, and upon any successor agency of the State of California that may have responsibility for and jurisdiction over the subject matter of this Agreement. FORA, the County and the jurisdictions shall provide a copy of this Agreement to any successor or assignee.
- 3.14 Cost Recovery. FORA and the County as FORA's successor are liable for all of the Department's costs incurred in reviewing and overseeing compliance with this MOA and all past, present and/or future LUCs. FORA will pay the Department's and its own costs for their activities under this MOA. FORA will recover these costs from each local jurisdiction through payment of the local agencies' FORA "dues." FORA "dues" are funds that FORA collects annually from agencies represented on the board in accordance with SB 899, Title 7.85 Section 67690. FORA will pay for costs incurred by the department and FORA for fiscal years 2008 and 2009 and will not seek cost recovery from the local jurisdictions for this initial two-year period. When FORA ceases to exist and the County assumes FORA's responsibilities under this Agreement, the other parties to this agreement shall pay the Department and the County costs

as determined in this Section to the County. If any party defaults on such payment, the Department shall pursue collection of the Department's costs directly from that party. FORA's and the County's cost recovery will be based on the Department's accounting of its actual costs, broken down by jurisdiction, and will include an additional 15% cost for FORA's or the County's administrative activities. The cost estimate for Department services is provided in Attachment 5. The estimate is based on the attached 2007 Department Contract Estimation Rates for the time period between July 1, 2006 and June 30, 2007 (see Attachment 5A). Actual charges will be based on each employee's salary and benefits, actual per diem, mileage rates and expenses. The Department will send quarterly "time and materials" invoices. Title 22 California Code of Regulations section 67391.1(h) provides: "The Department shall require responsible parties, facility owners or operators, or project proponents involved in land use covenants to pay all costs associated with the administration of such controls." Cost recovery may also be pursued by the Department under CERCLA, Health and Safety Code Section 25360, or any other applicable state or federal statute or common law.

On an annual basis, the Department will compare this cost estimate with actual charges. If the invoice variance is greater than 20% from the original cost estimate for any jurisdiction, the Department will notify FORA and prepare an addendum to this cost estimate. Agreements to distribute financial liability between the jurisdictions, the County or FORA are beyond the scope of this agreement.

Invoices shall be transmitted to:

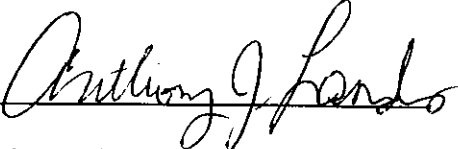
Mr. Michael Houlemard, Jr.
Executive Officer
Fort Ord Reuse Authority (FORA)
100 12th Street
Building 2880
Marina, California 93933

County of Monterey
Director of Health
Monterey County Health Department
2170 Natividad Road
Salinas, California 93901

- 3.15 Effective Date. The effective date of this Agreement is the date of signature by the Department's authorized representative.
- 3.16 Representative Authority. Each undersigned representative of the parties to this Agreement certifies that she or he is authorized to enter into the terms and conditions of this Agreement and to execute and legally bind the parties to this Agreement.

IN WITNESS WHEREOF, the authorized representatives below have executed this Memorandum of Agreement among FORA, the County and Cities of Seaside, Monterey, Del Rey Oaks and Marina, CSUMB, UCSC, MPC and the Department concerning monitoring and reporting on environmental restrictions on the former Fort Ord on the dates set forth below at Sacramento, California.

DEPARTMENT OF TOXIC SUBSTANCES CONTROL



Anthony J. Landis, P.E.
Chief
Northern California Operations
Office of Military Facilities
Department of Toxic Substances Control



Date

IN WITNESS WHEREOF, the authorized representatives below have executed this Memorandum of Agreement among FORA, the County and Cities of Seaside, Monterey, Del Rey Oaks and Marina, CSUMB, UCSC, MPC and the Department concerning monitoring and reporting on environmental restrictions on the former Fort Ord on the dates set forth below at _____, California.

COUNTY OF MONTEREY

Dave Potter
Chair, Board of Supervisors
168 W. Alisal Street
Salinas, California 93901

10-16-07
Date

CITY OF MONTEREY

Felipe...
APPROVED BY City Manager
City Hall
Monterey, California 93940
Felt
City Attorney's Office

2-25-2009
Date

CITY OF MARINA

[Signature]
City Manager
211 Hillcrest Avenue
Marina, California 93933

11.29.07
Date

CITY OF SEASIDE

[Signature]
City Manager
440 Harcourt Avenue
Seaside, California 93955

2.27-08
Date

CITY OF DEL REY OAKS

[Signature]
City Manager
650 Canyon Del Rey
Del Rey Oaks, California 93940

2/27/08
Date

IN WITNESS WHEREOF, the authorized representatives below have executed this Memorandum of Agreement among FORA, the County and Cities of Seaside, Monterey, Del Rey Oaks and Marina, CSUMB, UCSC, MPC and the Department concerning monitoring and reporting on environmental restrictions on the former Fort Ord on the dates set forth below at _____, California.

University of California Santa Cruz




Chancellor
1156 High Street
Santa Cruz, California 95064

1/18/08

Date


California State University Monterey Bay


VICE President *ADMIN. & FINANCE*
100 Campus Center
Seaside, California 93955

1-25-08

Date

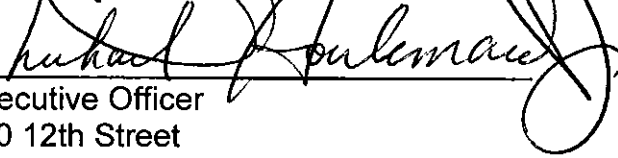
Monterey Peninsula College


Superintendent/President
980 Fremont Street
Monterey, California 93940

12-18-07

Date

FORA


Executive Officer
100 12th Street
Building 2880
Marina, California 93933

11/28/07

Date

APPROVED AS TO FORM:


Gerald D. Bowden
Authority Counsel

12/8/07

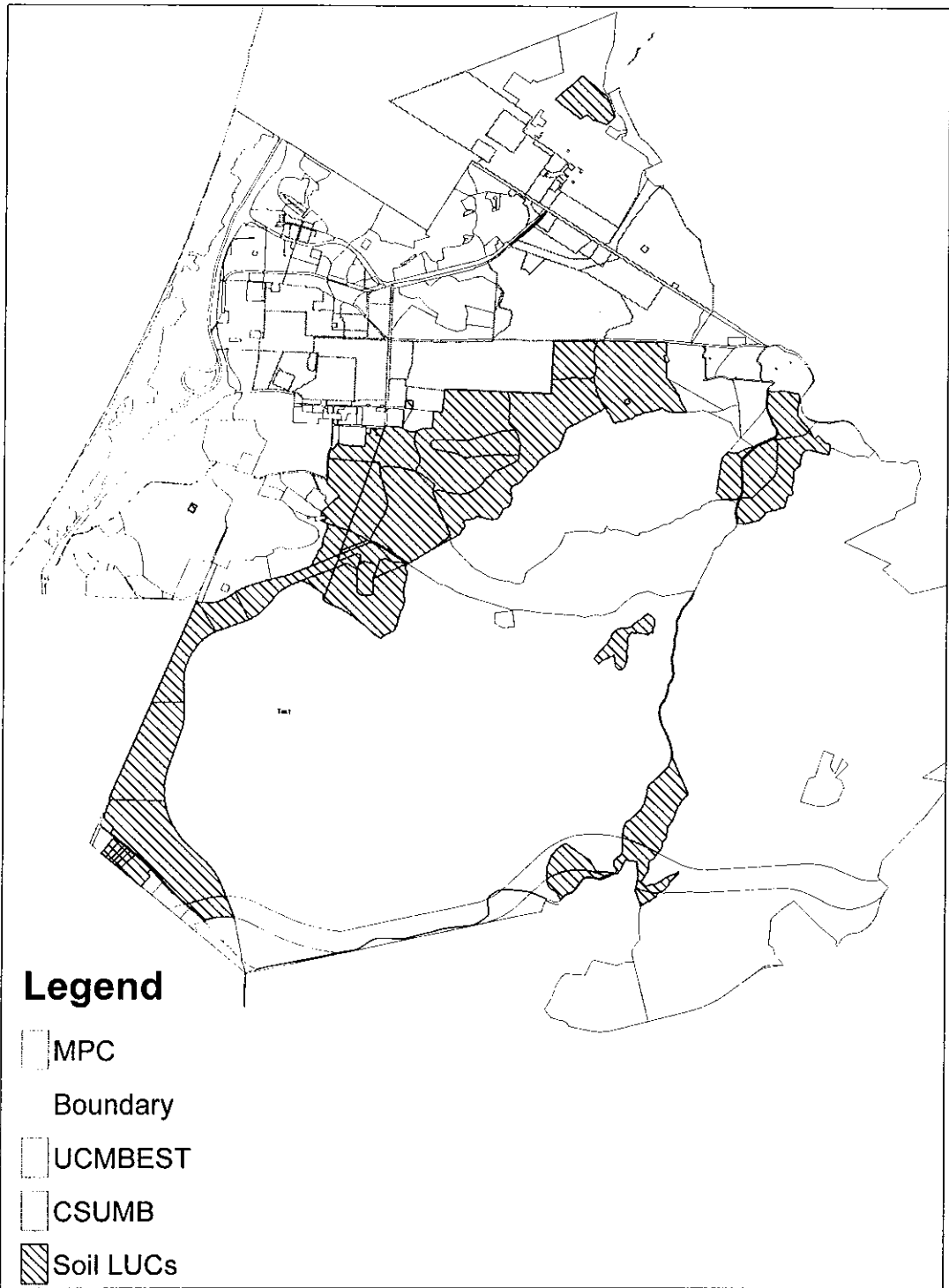
Date

ATTACHMENT "1"

LUC Parcel Maps

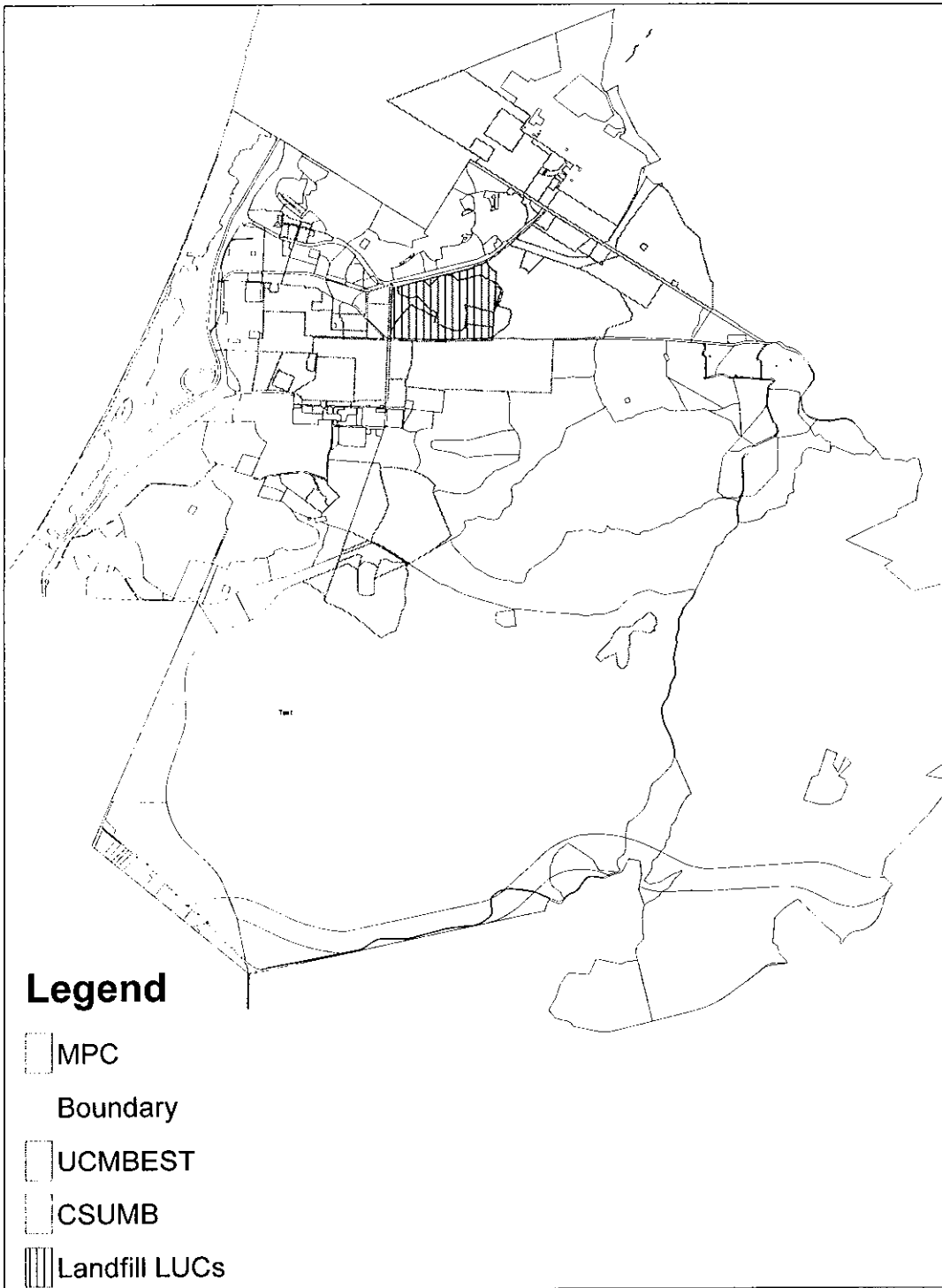
ATTACHMENT 1

Fort Ord LUCs - Soil



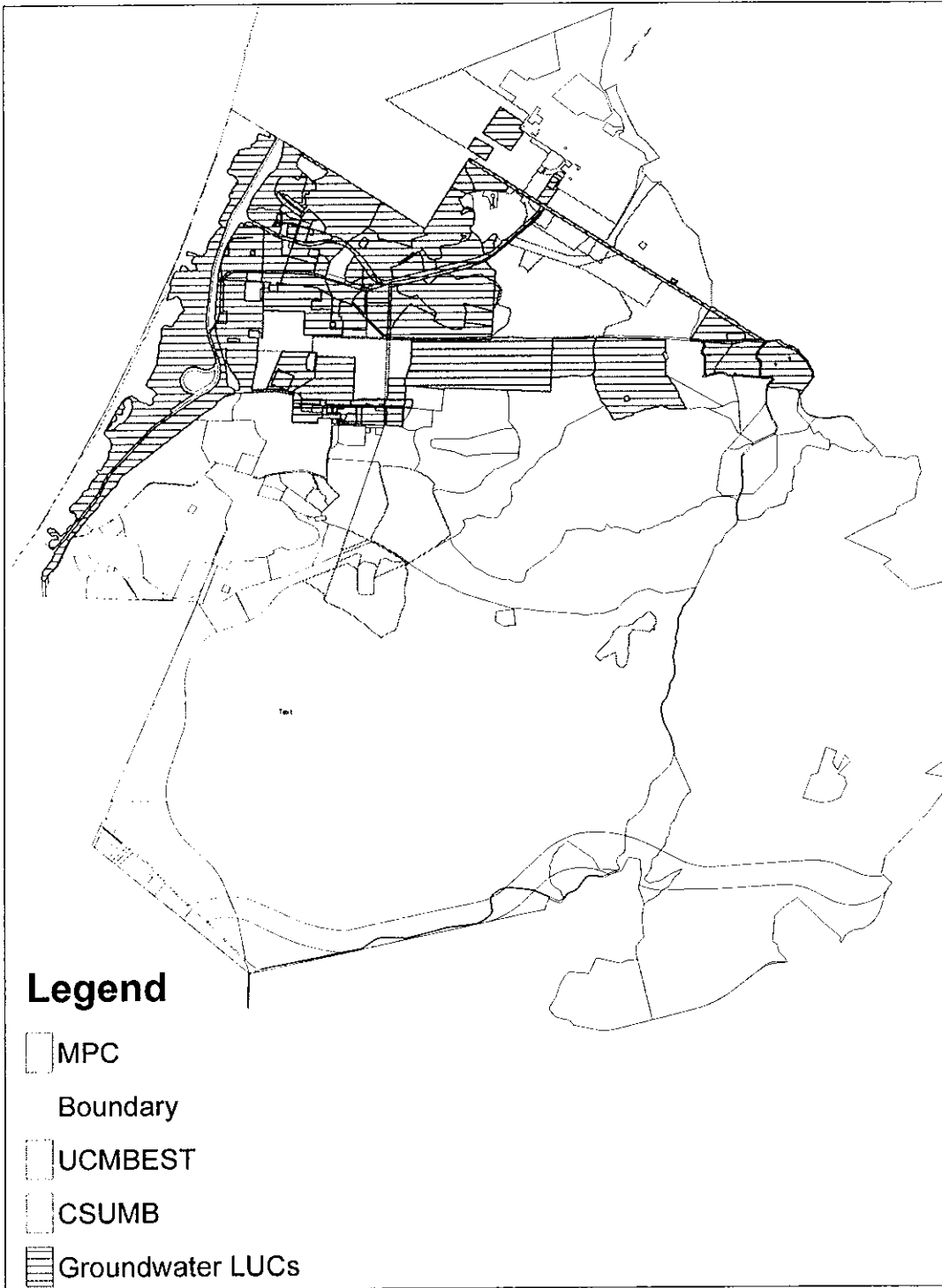
0 1,950 3,900 7,800 11,700 15,600 Feet

Fort Ord LUCs - Landfill



0 1,950 3,900 7,800 11,700 15,600 Feet

Fort Ord LUCs - Groundwater



0 1,9503,900 7,800 11,700 15,600 Feet

ATTACHMENT "2"

FORA, Resolution 98-1

ATTACHMENT 2

Resolution 98-1

A RESOLUTION OF THE FORT ORD REUSE AUTHORITY, AMENDING SECTION 1.01.050 AND ADDING CHAPTER 8 TO THE FORT ORD REUSE AUTHORITY MASTER RESOLUTION, RELATING TO BASE REUSE PLANNING AND CONSISTENCY DETERMINATIONS

Section 1. Section 1.01.050 of the Fort Ord Reuse Authority Master Resolution is amended by adding the following definitions to such section in alphabetical order:

“Affected territory” means property within the Fort Ord Territory that is the subject of a legislative land use decision or an application for a development entitlement and such additional territory within the Fort Ord Territory that may be subject to an adjustment in density or intensity of allowed development to accommodate development on the property subject to the development entitlement.

“Army urbanized footprint” means the Main Garrison Area and the Historic East Garrison Area as such areas are described in the Reuse Plan.

“Augmented water supply” means any source of potable water in excess of the 6,600 acre feet of potable water from the Salinas Basin as allowed under the Reuse Plan.

“Development entitlements” includes but is not limited to tentative and final subdivision maps, tentative, preliminary, and final parcel maps or minor subdivision maps, conditional use permits, administrative permits, variances, site plan reviews, and building permits. The term “development entitlement” does not include the term “legislative land use permits” as that term is defined in this Master Resolution. In addition, the term “development entitlement” does not include:

- 1) Construction of one single family house, or one multiple family house not exceeding four units, on a vacant lot within an area appropriately designated in the Reuse Plan.
- 2) Improvements to existing single family residences or to existing multiple family residences not exceeding four units, including remodels or room additions.
- 3) Remodels of the interior of any existing building or structure.
- 4) Repair and maintenance activities that do not result in an addition to, or enlargement of, any building or structure.
- 5) Installation, testing, and placement in service or the replacement of any necessary utility connection between an existing service facility and development approved pursuant to the Authority Act.
- 6) Replacement of any building or structure destroyed by a natural disaster with a comparable or like building or structure.
- 7) Final subdivision or parcel maps issued consistent with a development entitlement subject to previous review and approval by the Authority Board.
- 8) Building permit issued consistent with a development entitlement subject to previous review by the Authority Board.

"Fort Ord Territory" means all territory within the jurisdiction of the Authority.

"Habitat Management Plan" means the Fort Ord Installation-Wide Multi-Species Habitat Management Plan, dated April, 1997.

"Land use agency" means a member agency with land use jurisdiction over territory within the jurisdiction of the Authority Board.

"Legislative land use decisions" means general plans, general plan amendments, redevelopment plans, redevelopment plan amendments, zoning ordinances, zone district maps or amendments to zone district maps, and zoning changes.

"Noticed public hearing" means a public hearing noticed in the following manner

1. Notice of the public hearing shall be posted on the public meeting room at the FORA office at least 10 days before the date of the hearing; and
2. Notice of the public hearing shall be mailed or delivered at least 10 days prior to the affected land use agency, to any person who has filed an appeal, and to any person who has requested special notice; and
3. Notice of the public hearing shall be published at least 10 days before the date of the hearing in at least one newspaper of general circulation within the area that the real property that is the subject of the public hearing is located.

"Reuse Plan" means the plan for reuse and development of the territory within the jurisdiction of the Authority, as amended or revised from time to time, and the plans, policies, and programs of the Authority Board, including the Master Resolution.

Section 2. Chapter 8 is added to the Fort Ord Master Resolution to read:

**CHAPTER 8.
BASE REUSE PLANNING AND CONSISTENCY DETERMINATIONS.**

Article 8.01. GENERAL PROVISIONS.

8.01.010. REUSE PLAN

(a) The Authority Board shall prepare, adopt, review, revise from time to time, and maintain a Reuse Plan for the use and development of the territory within the jurisdiction of the Authority. Such plan shall contain the elements mandated pursuant to the Authority Act and such other elements, policies, and programs as the Authority Board may, in its sole discretion, consider and adopt.

Article 8.02. CONSISTENCY DETERMINATION CRITERIA

8.02.010. LEGISLATIVE LAND USE DECISION CONSISTENCY.

(a) In the review, evaluation, and determination of consistency regarding legislative land use decisions, the Authority Board shall disapprove any legislative land use decision for which there is substantial evidence supported by the record, that

- (1) Provides a land use designation that allows more intense land uses than the uses permitted in the Reuse Plan for the affected territory;
- (2) Provides for a development more dense than the density of uses permitted in the Reuse Plan for the affected territory;
- (3) Is not in substantial conformance with applicable programs specified in the Reuse Plan and Section 8.02.020 of this Master Resolution.
- (4) Provides uses which conflict or are incompatible with uses permitted or allowed in the Reuse Plan for the affected property or which conflict or are incompatible with open space, recreational, or habitat management areas within the jurisdiction of the Authority;
- (5) Does not require or otherwise provide for the financing and/or installation, construction, and maintenance of all infrastructure necessary to provide adequate public services to the property covered by the legislative land use decision; and
- (6) Does not require or otherwise provide for implementation of the Fort Ord Habitat Management Plan.

(b) FORA shall not preclude the transfer of intensity of land uses and/or density of development involving properties within the affected territory as long as the land use decision meets the overall intensity and density criteria of Sections 8.02.010(a)(1) and (2) above as long as the cumulative net density or intensity of the Fort Ord Territory is not increased.

(c) The Authority Board, in its discretion, may find a legislative land use decision is in substantial compliance with the Reuse Plan when the Authority Board finds that the applicant land use agency has demonstrated compliance with the provisions specified in this section and Section 8.020.020 of this Master Resolution.

8.02.020. SPECIFIC PROGRAMS AND MITIGATION MEASURES FOR INCLUSION IN LEGISLATIVE LAND USE DECISIONS.

(a) Prior to approving any development entitlements, each land use agency shall act to protect natural resources and open spaces on Fort Ord Territory

by including the open space and conservation policies and programs of the Reuse Plan, applicable to the land use agency, into their respective general, area, and specific plans.

- (1) Each land use agency shall review each application for a development entitlement for compatibility with adjacent open space land uses and require suitable open space buffers to be incorporated into the development plans of any potentially incompatible land uses as a condition of project approval.
- (2) When buffers are required as a condition of approval adjacent to Habitat Management areas, the buffer shall be designed in a manner consistent with those guidelines set out in the Habitat Management Plan. Roads shall not be allowed within the buffer area adjacent to Habitat Management areas except for restricted access maintenance or emergency access roads.

(b) Each land use agency shall include policies and programs in their respective applicable general, area, and specific plans that will ensure consistency of future use of the property within the coastal zone through the master planning process of the California Department of Parks and Recreation, if applicable. All future use of such property shall comply with the requirements of the Coastal Zone Management Act and the California Coastal Act and the coastal consistency determination process.

(c) Monterey County shall include policies and programs in its applicable general, area, and specific plans that will ensure that future development projects at East Garrison are compatible with the historic context and associated land uses and development entitlements are appropriately conditioned prior to approval.

(d) Each land use agency shall include policies and programs in their respective applicable general, area, and specific plans that shall limit recreation in environmentally sensitive areas, including, but not limited to, dunes and areas with rare, endangered, or threatened plant or animal communities to passive, low intensity recreation, dependent on the resource and compatible with its long term protection. Such policies and programs shall prohibit passive, low-density recreation if the Board finds that such passive, low-density recreation will compromise the ability to maintain an environmentally sensitive resource.

(e) Each land use agency shall include policies and programs in their respective applicable general, area, and specific plans that shall encourage land uses that are compatible with the character of the surrounding districts or neighborhoods and discourage new land use activities which are potential nuisances and/or hazards within and in close proximity to residential areas. Reuse of property in the Army urbanized footprint should be encouraged.

(f) Each land use agency with jurisdiction over property in the Army urbanized footprint shall adopt the cultural resources policies and programs of the Reuse Plan concerning historic preservation, and shall provide appropriate incentives for historic preservation and reuse of historic property, as determined by the affected land use agency, in their respective applicable general, area, and specific plans.

(g) The County of Monterey shall amend the Greater Monterey Peninsula Area Plan and designate the Historic East Garrison Area as an historic district in the County Reservation Road Planning Area. The East Garrison shall be planned and zoned for planned development mixed uses consistent with the Reuse Plan. In order to implement this aspect of the plan, the County shall adopt at least one specific plan for the East Garrison area and such specific plan shall be approved before any development entitlement shall be approved for such area.

(h) Each land use agency shall include policies and programs in their respective applicable general, area, and specific plans that shall support all actions necessary to ensure that sewage treatment facilities operate in compliance with waste discharge requirements adopted by the California Regional Water Quality Control Board.

(i) Each land use agency shall adopt the following policies and programs:

- (1) A solid waste reduction and recycling program applicable to Fort Ord Territory consistent with the provisions of the California Integrated Waste Management Act of 1989, Public Resources Code Section 40000 *et seq.*
- (2) A program that will ensure that each land use agency carries out all action necessary to ensure that the installation of water supply wells comply with State of California Water Well Standards and well standards established by the Monterey County Health Department; and
- (3) A program that will ensure that each land use agency carries out all actions necessary to ensure that distribution and storage of potable and non-potable water comply with State Health Department regulations.

(j) Each land use agency shall include policies and programs in their respective applicable general, area, and specific plans to address water supply and water conservation. Such policies and programs shall include the following:

- (1) Identification of, with the assistance of the Monterey County Water Resources Agency and the Monterey Peninsula Water Management District, potential reservoir and water impoundment sites and zoning of such sites for watershed use, thereby precluding urban development;

- (2) Commence working with appropriate agencies to determine the feasibility of development additional water supply sources, such as water importation and desalination, and actively participate in implementing the most viable option or options;
- (3) Adoption and enforcement of a water conservation ordinance which includes requirements for plumbing retrofits and is at least as stringent as Regulation 13 of the Monterey Peninsula Water Management District, to reduce both water demand and effluent generation.
- (4) Active participation in support of the development of "reclaimed" or "recycled" water supply sources by the water purveyor and the Monterey Regional Water Pollution Control Agency to ensure adequate water supplies for the territory within the jurisdiction of the Authority.
- (5) Promotion of the use of on-site water collection, incorporating measures such as cisterns or other appropriate improvements to collect surface water for in-tract irrigation and other non-potable use.
- (6) Adoption of policies and programs consistent with the Authority's Development and Resource Management Plan to establish programs and monitor development of territory within the jurisdiction of the Authority to assure that it does not exceed resource constraints posed by water supply.
- (7) Adoption of appropriate land use regulations that will ensure that development entitlements will not be approved until there is verification of an assured long-term water supply for such development entitlements.
- (8) Participation in the development and implementation of measures that will prevent seawater intrusion into the Salinas Valley and Seaside groundwater basins.
- (9) Implementation of feasible water conservation methods where and when determined appropriate by the land use agency, consistent with the Reuse Plan, including; dual plumbing using non-potable water for appropriate functions; cistern systems for roof-top run-off; mandatory use of reclaimed water for any new golf courses; limitation on the use of potable water for golf courses; and publication of annual water reports disclosing water consumption by types of use.

(k) Each land use agency shall include policies and programs in their respective applicable general, area, and specific plans that will require new development to demonstrate that all measures will be taken to ensure that storm water

runoff is minimized and infiltration maximized in groundwater recharge areas. Such policies and programs shall include:

- (1) Preparation, adoption, and enforcement of a storm water detention plan that identifies potential storm water detention design and implementation measures to be considered in all new development, in order to increase groundwater recharge and thereby reduce potential for further seawater intrusion and provide for an augmentation of future water supplies.
- (2) Preparation, adoption, and enforcement of a Master Drainage Plan to assess the existing natural and man-made drainage facilities, recommend area-wide improvements based on the approved Reuse Plan, and develop plans for the control of storm water runoff from future development. Such plans for control of storm water runoff shall consider and minimize any potential for groundwater degradation and provide for the long term monitoring and maintenance of all storm water retention ponds.

(l) Each land use agency shall adopt policies and programs that ensure that all proposed land uses on the Fort Ord Territory are consistent with the hazardous and toxic materials clean-up levels as specified by state and federal regulation.

(m) Each land use agency shall adopt and enforce an ordinance acceptable to the California Department of Toxic Substances Control ("DTSC") to control and restrict excavation or any soil movement on those parcels of the Fort Ord Territory, which were contaminated with unexploded ordnance, and explosives. Such ordinance shall prohibit any digging, excavation, development, or ground disturbance of any type to be caused or otherwise allowed to occur without compliance with the ordinance. A land use agency shall not make any substantive change to such ordinance without prior notice to and approval by DTSC.

(n) Each land use agency shall include policies and programs in their respective applicable general, area, and specific plans that will help ensure an efficient regional transportation network to access the territory under the jurisdiction of the Authority, consistent with the standards of the Transportation Agency of Monterey County. Such policies and programs shall include:

- (1) Establishment and provision of a dedicated funding mechanism to pay for the "fair share" of the impact on the regional transportation system caused or contributed by development on territory within the jurisdiction of the Authority; and
- (2) Support and participate in regional and state planning efforts and funding programs to provide an efficient

regional transportation effort to access Fort Ord Territory.

(o) Each land use agency shall include policies and programs in their respective applicable general, area, and specific plans that ensure that the design and construction of all major arterials within the territory under the jurisdiction of the Authority will have direct connections to the regional network consistent with the Reuse Plan. Such plans and policies shall include:

- (1) Preparation and adoption of policies and programs consistent with the Authority's Development and Resource Management Plan to establish programs and monitor development to assure that it does not exceed resource constraints posed by transportation facilities;
- (2) Design and construction of an efficient system of arterials in order to connect to the regional transportation system; and
- (3) Designate local truck routes to have direct access to regional and national truck routes and to provide adequate movement of goods into and out of the territory under the jurisdiction of the Authority.

(p) Each land use agency shall include policies and programs in their respective applicable general, area, and specific plans to provide regional bus service and facilities to serve key activity centers and key corridors within the territory under the jurisdiction of the Authority in a manner consistent with the Reuse Plan.

(q) Each land use agency shall adopt policies and programs that ensure development and cooperation in a regional law enforcement program that promotes joint efficiencies in operations, identifies additional law enforcement needs, and identifies and seeks to secure the appropriate funding mechanisms to provide the required services.

(r) Each land use agency shall include policies and programs in their respective applicable general, area, and specific plans that ensure development of a regional fire protection program that promotes joint efficiencies in operations, identifies additional fire protection needs, and identifies and seeks to secure the appropriate funding mechanisms to provide the required services

(s) Each land use agency shall include policies and programs in their respective applicable general, area, and specific plans that will ensure that native plants from on-site stock will be used in all landscaping except for turf areas, where practical and appropriate. In areas of native plant restoration, all cultivars, including, but not limited to, manzanita and ceanothus, shall be obtained from stock originating on Fort Ord Territory.

(t) Each land use agency shall include policies and programs in their general, area, and specific plans that will ensure compliance with the 1997 adopted FORA Reuse Plan jobs/housing balance provisions. The policies and programs for the provision of housing must include flexible targets that generally correspond with expected job creation on the former Fort Ord. It is recognized that, in addressing the Reuse Plan jobs/housing balance, such flexible targets will likely result in the availability of affordable housing in excess of the minimum 20% local jurisdictional inclusionary housing figure, which could result in a range of 21% - 40% below market housing. Each land use agency should describe how their local inclusionary housing policies, where applicable, address the Reuse Plan jobs/housing balance provisions.

(1) Agencies submitting consistency determination requests to FORA should identify and describe, where applicable, any factors that impact production of housing. These factors may include, without limitation, public financing, water resources, land use regulations, and environmental conditions. Each jurisdiction should consider but not be limited to, the following in establishing its Reuse Plan jobs/housing balance policies and programs:

- (a) Earmarking of tax increment housing set aside funds for housing programs, production, and/or preservation linked to jobs;
- (b) Development and/or preservation of ownership or rental housing linked to jobs;
- (c) Incorporation of job creation targets in project specifications;
- (d) Linkage of existing housing resources with jobs created;
- (e) Development of agreements with such jurisdictions for Reuse Plan-enhancing job creation or housing programs, production, and/or preservation; and
- (f) Granting of incentives to increase additional below-market housing productions to meet job creation needs.

(2) As a reference and guide for determining income limits and housing affordability levels, each land use agency should use measures established by the U.S. Department of Housing and Urban Development, the California Department of Housing and Community Development, and/or the Association of Monterey Bay Area Governments when determining compliance for very low, low, median, moderate affordability and comparable affordability factors for below-market housing up to 180% of median as approved as FORA

policy guidelines at the January 9, 2004 FORA Board meeting.

8.02.030. DEVELOPMENT ENTITLEMENT CONSISTENCY.

(a) In the review, evaluation, and determination of consistency regarding any development entitlement presented to the Authority Board pursuant to Section 8.01.030 of this Resolution, the Authority Board shall withhold a finding of consistency for any development entitlement that:

- (1) Provides an intensity of land uses, which is more intense than that provided for in the applicable legislative land use decisions, which the Authority Board has found consistent with the Reuse Plan;
- (2) Is more dense than the density of development permitted in the applicable legislative land use decisions which the Authority Board has found consistent with the Reuse Plan;
- (3) Is not conditioned upon providing, performing, funding, or making an agreement guaranteeing the provision, performance, or funding of all programs applicable to the development entitlement as specified in the Reuse Plan and in Section 8.02.020 of this Master Resolution and consistent with local determinations made pursuant to Section 8.02.040 of this Resolution.
- (4) Provides uses which conflict or are incompatible with uses permitted or allowed in the Reuse Plan for the affected property or which conflict or are incompatible with open space, recreational, or habitat management areas within the jurisdiction of the Authority.
- (5) Does not require or otherwise provide for the financing and installation, construction, and maintenance of all infrastructure necessary to provide adequate public services to the property covered by the applicable legislative land use decision.
- (6) Does not require or otherwise provide for implementation of the Fort Ord Habitat Management Plan.
- (7) Is not consistent with the Highway 1 Scenic Corridor design standards as such standards may be developed and approved by the Authority Board.
- (8) Is not consistent with the jobs/housing balance requirements developed and approved by the Authority Board as provided in Section 8.02.020(t) of this Master Resolution.

8.03.080. CONFLICT DETERMINATIONS.

This article establishes procedural guidelines for the evaluation of the environmental factors concerning activities within the jurisdiction of the Authority and in accordance with State Guidelines. Where conflicts exist between this article and State Guidelines, the State Guidelines shall prevail except where this article is more restrictive.

Section 3. This resolution shall become effective upon adoption.

PASSED AND ADOPTED this 20 day of November, 1998, upon motion of Member MANEINI, seconded by Member RUCKER, and carried by the following vote:


AYES: 10

NOES: 2

ABSENT: 1

I, EDITH JOHNSEN, Chair Of the Board of Directors of the Fort Ord Reuse Authority of the County of Monterey, State of California, hereby certify that the foregoing is a true copy of an original order of the said Board of Directors duly made and entered in the minutes thereof at section 4a., page 2 of Minute Book
Nov. 20 1998 on Dec 2, 1998.

Dated: January 20, 1999

By: 
EDITH JOHNSEN
Chair, Board of Directors
Fort Ord Reuse Authority

ATTACHMENT "3"

*Table 3-1
Summary of Land Use Covenants*

ATTACHMENT 3

**TABLE 3-1
SUMMARY OF LUCS BY JURISDICTION**

Jurisdiction	Date LUC Recorded	DTSC LUC Tracking Number	Parcel	GPS Coordinates	Restrictions
Del Rey Oaks	12/28/05	Soil 3	E29a		1. No sensitive uses. 2. No soil disturbance or violation of ordinance without soil management plan 3. Notification of MEC 4. Access rights
			E29b.1		
			E31.b		
			E31a		
			E31c		
			E36		
	In Review	Soil 4	L20.13.1.2		1. No sensitive uses. 2. No soil disturbance or violation of ordinance without soil management plan 3. Notification of MEC 4. Access rights
			L20.13.3.1		
L6.2					

Explanations:

Soil = chemicals (such as metals) and Munitions and Explosives of Concern (MEC) are the primary concern in soil media

Groundwater = chemicals such as Volatile organic compounds (VOCs) are the primary concern in the groundwater media

Landfill = chemicals such as Volatile Organic Compounds (VOCs) are the primary concern in the landfill (soil) and landfill gas (vapor)

**TABLE 3-1
SUMMARY OF LUCS BY JURISDICTION**

Jurisdiction	Date LUC Recorded	DTSC LUC Tracking Number	Parcel	GPS Coordinates	Restrictions
Marina	10/12/01	Soil 1	L5.1.1		1. No sensitive uses. 2. No soil disturbance or violation of ordinance without a mangement plan 3. Access rights
	05/22/02	Groundwater 1a	E17		1. No construction of groundwater wells. 2. No disturbance or creation of recharge area. 3. Notify damages to remedy and monitoring systems. 4. Access rights.
			E4.1.1		
			E4.2		
			E4.3.1.1		
	09/17/03	Groundwater 1	L2.1		1. No construction of groundwater wells. 2. No disturbance or creation of recharge area. 3. Notify damages to remedy and monitoring systems. 4. Access rights.
			L35.1		
			L35.2		
	09/22/03	Groundwater 2	E2B.1.1.1		1. No construction of groundwater wells. 2. No disturbance or creation of recharge area. 3. Notify damages to remedy and monitoring systems. 4. Access rights.
			E2B.1.1.2		
			E2B.1.2		
			E2B.1.3		
			E2B.1.4		
			E2B.1.5		
			E2B.2.1		
			E2B.2.2		
			E2B.2.3		
			E2B.2.4		
			E2B.2.5		
			E2B.3.1.1		
			E2B.3.2		
			E2C.1		
			E2C.2		
			E2C.3.1		
			E2C.3.2		
			E2C.3.3		
			E2C.4.1.1		
E2C.4.2.1					
E2D.1					
E2D.2					
E2E.1					
E4.5					
L12.2.2					
L12.2.3					
L12.3					
L20.16.1					
L20.16.2					
L20.16.3					
L20.17.1					
L5.8.1					
L5.8.2					
S4.1.4					
09/28/04	Groundwater 3	S4.1.3		1. No construction of groundwater wells. 2. No disturbance or creation of recharge area.	

**TABLE 3-1
SUMMARY OF LUCS BY JURISDICTION**

Jurisdiction	Date LUC Recorded	DTSC LUC Tracking Number	Parcel	GPS Coordinates	Restrictions
	03/29/07	Groundwater 6	S4.1.5		3. Notify damages to remedy and monitoring systems. 4. Access rights.
	03/13/06	Groundwater 4	E2a E4.1.2.1 E4.1.2.2 E4.1.2.3 E4.3.1.2 E4.3.2.1 E4.6.1 L5.6.1 L5.6.2		1. No construction of groundwater wells. 2. No disturbance or creation of recharge area. 3. Notify damages to remedy and monitoring systems. 4. Access rights.
	03/21/06	Groundwater 5	E2d.3.1 E5a.2 L5.10.2		1. No construction of groundwater wells. 2. No disturbance or creation of recharge area. 3. Notify damages to remedy and monitoring systems. 4. Access rights.
	In Review	Groundwater 8	E4.3.2.2 E4.7.1 E5a.1 L5.10.1		1. No construction of groundwater wells. 2. No disturbance or creation of recharge area. 3. Notify damages to remedy and monitoring systems. 4. Access rights.
	In Review	Groundwater TBA	E2c.4.1.2 E2c.4.2.2 E2c.4.3 E2c.4.4 E2d.3.2 L5.9.2 L20.17.2		1. No construction of groundwater wells. 2. No disturbance or creation of recharge area. 3. Notify damages to remedy and monitoring systems. 4. Access rights.
	In Review	Groundwater TBA	L2.2.2		1. No construction of groundwater wells. 2. No disturbance or creation of recharge area. 3. Notify damages to remedy and monitoring systems. 4. Access rights.

Explanations:

Soil = chemicals (such as metals) and Munitions and Explosives of Concern (MEC) are the primary concern in soil media

Groundwater = chemicals such as Volatile organic compounds (VOCs) are the primary concern in the groundwater media

Landfill = chemicals such as Volatile Organic Compounds (VOCs) are the primary concern in the landfill (soil) and landfill gas (vapor) media

**TABLE 3-1
SUMMARY OF LUCS BY JURISDICTION**

Jurisdiction	Date LUC Recorded	DTSC LUC Tracking Number	Parcel	GPS Coordinates	Restrictions
City of Monterey	In Review	Soil 5	E29.1		1. No sensitive uses. 2. No soil disturbance or violation of ordinance without a mangement plan 3. Notification of MEC 4. Access rights

Explanations:

Soil = chemicals (such as metals) and Munitions and Explosives of Concern (MEC) are the primary concern in soil media

Groundwater = chemicals such as Volatile organic compounds (VOCs) are the primary concern in the groundwater media

Landfill = chemicals such as Volatile Organic Compounds (VOCs) are the primary concern in the landfill (soil) and landfill gas (vapor) media

**TABLE 3-1
SUMMARY OF LUCS BY JURISDICTION**

Jurisdiction	Date LUC Recorded	DTSC LUC Tracking Number	Parcel	GPS Coordinates	Restrictions
Monterey County	05/22/02	Groundwater 1a	L2.4.2		1. No construction of groundwater wells. 2. No disturbance or creation of recharge area. 3. Notify damages to remedy and monitoring systems. 4. Access rights.
			L2.4.3.2		
	09/17/03	Groundwater 1	L35.3		1. No construction of groundwater wells. 2. No disturbance or creation of recharge area. 3. Notify damages to remedy and monitoring systems. 4. Access rights.
			L35.6		
			L35.7		
			L35.8		
	9/28/04 and TBD	Groundwater 3 and Landfill 1	E8a.1.2		1. No construction of wells. 2. No disturbance or creation of recharge area. 3. No sensitive uses. 4. Notify damages to remedy and monitoring system. 5. Access rights. 6. No structures unless protective for LFG per Title 27
			E8a.1.3		
			E8a.1.4		
			E8a.1.5		
09/28/04	Groundwater 3	E11B.1		1. No construction of groundwater wells. 2. No disturbance or creation of recharge area. 3. Notify damages to remedy and monitoring systems. 4. Access rights.	
		E11B.2			
		E11B.3			
		E11B.4			
		E2E.2			
		L20.10.1.1			
		L20.10.1.2			
		L20.10.2			
		L20.14.1.2			
		L20.20			
		L20.21.1			
		L20.21.2			
		L20.22			
		L23.3.1			
L23.3.2.1					
L32.4.2					
S4.1.2.2					
06/26/06	Groundwater 6	E4.6.2		1. No construction of wells. 2. No disturbance or creation of recharge area. 3. Notify damages to remedy and monitoring systems. 4. Access rights.	
6/26/2006 and TBD	Groundwater 6 and Landfill 2	E8a.1.1.2		1. No construction of wells. 2. No disturbance of systems or cap. 3. No sensitive uses. 4. No disturbance or creation of recharge area. 5. Notify damages to remedy and monitoring systems. 6. Access rights 7. No structures unless protective for LFG per Title 27	
10/18/06	Groundwater 7	S3.1.1		1. No construction of groundwater wells. 2. No disturbance or creation of recharge area. 3. Notify damages to remedy and monitoring systems. 4. Access rights.	
In Review	Groundwater 9	E4.7.2, L5.7, L20.2.1, L32.1		1. No construction of groundwater wells. 2. No disturbance or creation of recharge area. 3. Notify damages to remedy and monitoring systems. 4. Access rights.	
		E4.7.2		1. No construction of groundwater wells. 2. No disturbance or creation of recharge area. 3. Notify damages to remedy and monitoring systems. 4. Access rights.	

**TABLE 3-1
SUMMARY OF LUCS BY JURISDICTION**

Jurisdiction	Date LUC Recorded	DTSC LUC Tracking Number	Parcel	GPS Coordinates	Restrictions
In Review		Soil TBD/GW 9	L5.7		1. No construction of groundwater wells. 2. No disturbance or creation of recharge area. 3. Notify damages to remedy and monitoring systems. 4. Access rights. 5. No sensitive uses. 6. No soil disturbance or violation of ordinance without soil management plan 7. Notification of MEC
			L20.2.1		
			L32.1		
			E11.b.6.1		1. No sensitive uses. 2. No soil disturbance or violation of ordinance without soil management plan 3. Notification of MEC 4. Access rights
			E11b.7.1.1		
			E11b.8		
			E18.1.2		
			E19a.1		
			E19a.2		
			E19a.3		
			E19a.4		
			E19a.5		
			E21b.3		
			E39		
			E40		
			E41		
			E42		
			F1.7.2		
			L20.3.1.		
			L20.3.2		
			L20.5.1		
			L20.5.2		
L20.5.3					
L20.5.4					
L20.8					
L20.18					
L20.19.1.1					
L23.2					
TBD	Landfill 3 and Groundwater 11	E8a.2		1. No construction of wells. 2. No disturbance of systems or cap. 3. No sensitive uses. 4. No disturbance or creation of recharge area. 5. Notify damages to remedy and monitoring systems. 6. Access rights 7. No structures unless protective for LFG per Title 27	
		E8a.1.1.1			
TBD	Soil TBD	L23.3.2.2		1. No sensitive uses. 2. No soil disturbance or violation of ordinance without soil management plan 3. Access rights	

Explanations:

Soil = chemicals (such as metals) and Munitions and Explosives of Concern (MEC) are the primary concern in soil media
 Groundwater = chemicals such as Volatile organic compounds (VOCs) are the primary concern in the groundwater media
 Landfill = chemicals such as Volatile Organic Compounds (VOCs) are the primary concern in the landfill (soil) and landfill gas (vapor)

**TABLE 3-1
SUMMARY OF LUCS BY JURISDICTION**

Jurisdiction	Date LUC Recorded	DTSC LUC Tracking Number	Parcel	GPS Coordinates	Restrictions
Seaside	05/22/02	Groundwater 1a	L2.4.3.1		1. No construction of wells. 2. no disturbance or creation of recharge area 3. Notify damages to remedy and monitoring systems. 4. Access rights
			L32.4.1.2		
			L37		
	09/17/03	Groundwater 1	L1.1		1. No construction of wells. 2. no disturbance or creation of recharge area 3. Notify damages to remedy and monitoring systems. 4. Access rights
	09/22/03	Groundwater 2	E15.1		1. No construction of wells. 2. no disturbance or creation of recharge area 3. Notify damages to remedy and monitoring systems. 4. Access rights
			L19.2		
			L19.3		
			L19.4		
	03/22/04	Soil 2	F2.7.2		1. No sensitive uses. 2. No soil disturbance or violation of ordinance without a mangement plan 3. Access rights
	09/28/04	Groundwater 3	L15.1		1. No construction of wells. 2. no disturbance or creation of recharge area 3. Notify damages to remedy and monitoring systems. 4. Access rights
			L20.19.2		
			L32.4.1.1		
			L36		
L7.8					
L7.9					
In Review	Soil 6	S4.1.2.1		1. No sensitive uses. 2. No soil disturbance or violation of ordinance without a mangement plan 3. Notification of MEC 4. Access rights	
		E18.1.1			
		E18.1.3			
		E18.4			
		E20c.2			
		E23.1			
		E23.2			
E24					
E34					

Explanations:

Soil = chemicals (such as metals) and Munitions and Explosives of Concern (MEC) are the primary concern in soil media

Groundwater = chemicals such as Volatile organic compounds (VOCs) are the primary concern in the groundwater media

Landfill = chemicals such as Volatile Organic Compounds (VOCs) are the primary concern in the landfill (soil) and landfill gas (vapor) media

**TABLE 3-1
SUMMARY OF LUCS BY JURISDICTION**

Jurisdiction	Date LUC Recorded	DTSC LUC Tracking Number	Parcel	GPS Coordinates	Restrictions
MPC (Marina)	09/28/04	Groundwater 3	L23.1.1		1. No construction of wells. 2. No disturbance or creation of recharge area 3. Notify damages to remedy and monitoring systems. 4. Access rights
			L23.1.2		
			L23.1.3		
			L23.1.4		
			L23.1.5		
			L23.4		
MPC (Seaside)			L23.6		
MPC (Monterey County)	In Review	Soil TBD	E19a.5		1. No sensitive uses. 2. No soil disturbance or violation of ordinance without a mangement plan 3. Notification of MEC 4. Access rights
			E21b.3		
			E39		
			E40		
			E41		
			E42		
			F1.7.2		
L23.2					
MPC (Seaside)	In Review	Soil 6	E38		1. No sensitive uses. 2. No soil disturbance or violation of ordinance without a mangement plan 3. Notification of MEC 4. Access rights

Explanations:

Soil = chemicals (such as metals) and Munitions and Explosives of Concern (MEC) are the primary concern in soil media

Groundwater = chemicals such as Volatile organic compounds (VOCs) are the primary concern in the groundwater media

Landfill = chemicals such as Volatile Organic Compounds (VOCs) are the primary concern in the landfill (soil) and landfill gas (vapor) media

When an above described LUC contains parcels belonging to more than one jurisdiction, shading is used to clarify the jurisdiction.

**TABLE 3-1
SUMMARY OF LUCS BY JURISDICTION**

Jurisdiction	Date LUC Recorded	DTSC LUC Tracking Number	Parcel	GPS Coordinates	Restrictions
CSUMB (Seaside)	05/22/02	Groundwater 1a	S1.4		1. No construction of groundwater wells. 2. No disturbance or creation of recharge area. 3. Notify damages to remedy and monitoring systems. 4. Access rights.
CSUMB (Marina)			S1.5.1.1		
			S1.5.2		
			S1.5.1.1		
CSUMB (Marina)		S1.5.2			
CSUMB (Monterey County)	09/17/03	Groundwater 1	L32.2.1		1. No construction of groundwater wells. 2. No disturbance or creation of recharge area. 3. Notify damages to remedy and monitoring systems. 4. Access rights.
CSUMB (Seaside)			S1.3.3		
			L32.2.2		
			L32.3		
			L33.1		
CSUMB (Marina)		L33.2			
CSUMB (Marina)		S1.5.1.2			
CSUMB (Monterey County)	In Review	Groundwater 9	S1.3.2		1. No construction of groundwater wells. 2. No disturbance or creation of recharge area. 3. Notify damages to remedy and monitoring systems. 4. Access rights.

Explanations:

Soil = chemicals (such as metals) and Munitions and Explosives of Concern (MEC) are the primary concern in soil media

Groundwater = chemicals such as Volatile organic compounds (VOCs) are the primary concern in the groundwater media

Landfill = chemicals such as Volatile Organic Compounds (VOCs) are the primary concern in the landfill (soil) and landfill gas (vapor)

When an above described LUC contains parcels belonging to more than one jurisdiction, shading is used to clarify the jurisdiction.

**TABLE 3-1
SUMMARY OF LUCS BY JURISDICTION**

Jurisdiction	Date LUC Recorded	DTSC LUC Tracking Number	Parcel	GPS Coordinates	Restrictions
UCSC (Monterey County)	05/22/02	Groundwater 1a	S2.5.2.2		1. No construction of groundwater wells. 2. No disturbance or creation of recharge area. 3. Notify damages to remedy and monitoring systems. 4. Access rights.
UCSC (Marina)			S2.1.3		
			S2.1.4.1		
			S2.5.1.1		
			S2.5.2.1		
UCSC (Monterey County)	09/17/03	Groundwater 1	F7.2		1. No construction of groundwater wells. 2. No disturbance or creation of recharge area. 3. Notify damages to remedy and monitoring systems. 4. Access rights.
UCSC (Marina)			S2.1.4.2		
UCSC (Marina)	TBD FOST 11	Groundwater 10 (UCSC, OU1 GW)	S2.1.2		1. No construction of groundwater wells. 2. No disturbance or creation of recharge area. 3. Notify damages to remedy and monitoring systems. 4. Access rights.

Explanations:

Soil = chemicals (such as metals) and Munitions and Explosives of Concern (MEC) are the primary concern in soil media

Groundwater = chemicals such as Volatile organic compounds (VOCs) are the primary concern in the groundwater media

Landfill = chemicals such as Volatile Organic Compounds (VOCs) are the primary concern in the landfill (soil) and landfill gas (vapor) media

When an above described LUC contains parcels belonging to more than one jurisdiction, shading is used to clarify the jurisdiction.

ATTACHMENT "4"

LUC Review Annual Report Outline

ATTACHMENT 4

Former Fort Ord

Land Use Covenant Report Outline

Annual Status Report for _____ (Jurisdiction) _____ on Land Use Covenants
Covering July 1, 2____ to June 30, 2____.

(See Parcel and LUC lists in Table 3-1)

This form is to be submitted by each Jurisdiction to:

Fort Ord Reuse Authority

by

August 1 of each year

DATE OF REPORT: _____

SUBMIT TO: Fort Ord Reuse Authority
Attn: _____
100 12th Street, Bldg. 2880
Marina, California 93933

GENERAL:

Has jurisdiction staff previously provided a compliance summary in regards to the local digging and excavation ordinances, including the number of permits issued?

yes or no

Has jurisdiction staff provided an annual update of any changes to applicable digging and excavation ordinances?

yes or no

Has jurisdiction staff provided an annual update of any changes to the Monterey County Groundwater Ordinance No. 4011?

yes or no

PARCELS:

Have any of the parcels with covenants in the jurisdiction split since the last annual report?

yes or no

If so, please reflect the split(s) in reporting on compliance with section 2.1.2 of the MOA in Table 3-1.

GROUND WATER COVENANTS:

Is a ground water covenant applicable in your jurisdiction? yes or no
(If no, skip questions 1 through 4)

1. Did jurisdiction staff visually inspect the parcels in your jurisdiction (see Table 3-1) with ground water covenants? Such visual inspection shall include observed groundwater wells, and any other activity that would interfere with or adversely affect the groundwater monitoring and remediation systems on the Property or result in the creation of a groundwater recharge area (e.g., unlined surface impoundments or disposal trenches).

yes or no

2. Did jurisdiction staff check with the applicable local building department (please list department name: _____) to ensure that no wells or recharge basins such as surface water infiltration ponds were built within your jurisdiction?

yes or no

3. Did jurisdiction staff check with the applicable local planning department (please list department name: _____) to ensure that no well permits were granted or recharge basins requested within your jurisdiction?

yes or no

4. Did jurisdiction staff review the County well permit applications pertaining to your jurisdiction to ensure that no wells have been dug or installed in violation of the ordinance or the ground water covenants?

yes or no

If you answered yes to any questions 1 through 4 above, please note and describe violations with USACE parcel numbers and street addresses (Use additional sheets if needed).

LANDFILL BUFFER COVENANTS:

Is a landfill buffer covenant applicable in your jurisdiction? yes or no
(If no, skip questions 1 through 3)

1. Did jurisdiction staff visually inspect the parcels in your jurisdiction (see Table 3-1) with landfill buffer covenants? Such visual inspection shall include observation of any structures and any other activity that would interfere with the landfill monitoring and remediation systems on the Property.

yes or no

2.. Did jurisdiction staff check with the applicable local building department (please list department name: _____) to ensure that no sensitive uses such as residences, hospitals, day care or schools (not including post-secondary schools, as defined in Section 1.19 of the MOA), were built on the restricted parcels within your jurisdiction?

yes or no

3. Did jurisdiction staff check with the applicable local planning department (please list department name: _____) to ensure that no other structures were built without protection for vapors in accordance with the landfill buffer covenants?

yes or no

If you answered yes to any questions 1 through 3 above, please note and describe violations with street addresses. (Use additional sheets if needed).

SOIL COVENANTS:

Is a soil covenant applicable in your jurisdiction?
(If no, skip questions 1 through 4)

yes or no

1. Did jurisdiction staff visually inspect the parcels (see Table 3-1) in your jurisdiction with soil covenants to assure no sensitive uses such as residences, hospitals, day care or schools (not including post-secondary schools, as defined in Section 1.19 of the MOA), were constructed or are occurring on the restricted parcels in your jurisdiction?

yes or no

2. Did jurisdiction staff check with the applicable local building department to ensure that no soil was disturbed without an approved soil management plan in accordance with the excavation and digging Ordinance in your jurisdiction?

yes or no

3. Did jurisdiction staff check with the applicable local planning department for notification of MEC within your jurisdiction?

yes or no

4. Did jurisdiction staff review the 911 records of MEC observations and responses and provide a summary in annual report?

yes or no

If you answered yes to any questions 1 through 4 above, please provide the following information:
(Use additional sheets if needed).

- a) date and time of the call,
- b) contact name,
- c) location of MEC finding,
- d) type of munitions, if available and
- e) response of jurisdiction law enforcement agency.

ATTACHMENT "5"

DEPARTMENT'S Annual Cost Estimate

ATTACHMENT 5

Attachment

Cost Estimate The Department's LUC Oversight

The number of parcels anticipated to require LUCs are listed below and the restrictions are detailed in Section 4.0 of each LUC. The list of parcels and respective restrictions are summarized by jurisdiction in Table 3-1 of the Memorandum of Agreement (MOA) between the Department of Toxic Substances Control (DTSC), Fort Ord Reuse Authority (FORA), Monterey County (County), the City of Seaside (Seaside), the City of Monterey (Monterey), the City of Del Rey Oaks (Del Rey Oaks), the City of Marina (Marina) California State University Monterey Bay ("CSUMB"), University of California Santa Cruz ("UCSC"), and Monterey Peninsula College ("MPC"). The restrictions generally fall in one of three categories:

1. Prohibition of groundwater wells for injection or extraction and utilization of groundwater and any other activity that would interfere with or adversely affect the groundwater remediation systems on the former Fort Ord on property within the Prohibition Zone of the Special Groundwater Protection Zone.
2. Prohibition of sensitive land uses (residences, schools [not including post-secondary schools as defined in Section 1.19 of the MOA], hospitals, day care centers, etc.) and soil disturbance on property where Munitions and Explosives (MEC) may remain. These covenants will also have requirements for construction support, and reporting to DTSC if soil disturbance occurs.
3. Prohibition of sensitive land uses (residences, schools [not including post-secondary schools, as defined in Section 1.19 of the MOA], hospitals, day care centers, etc.) the Fort Ord Landfills and excavation activities (i.e. digging, drilling, or any other excavation or disturbance of the land surface or subsurface) or other activities, which may damage the OU2 Fort Ord Landfills soil cover and liners or landfill gas extraction and treatment systems.

Total Costs by Jurisdiction

Jurisdiction	# Parcels with Soil/MEC LUCs	# Parcels with Groundwater LUCs	# Parcels with Landfill LUCs	Annual DTSC oversight cost (includes FORA Administrative Costs of 15%)	Annual DTSC oversight cost (without FORA Administrative Costs)
Monterey County	2	55	7	\$6,081	\$5,288
City of Marina	<u>1</u>	<u>58</u>	0	\$5,633	\$4,898
City of Monterey	1	0	0	\$958	\$833
City of Del Rey Oaks	9	0	0	\$2,944	\$2,560
City of Seaside	<u>10</u>	15	0	\$3,036	\$2,640
CSUMB		11		\$1,213	\$1,055
UCSC		8		\$787	\$684
MPC	<u>1</u>	15		\$1,669	\$1,451
			Total Estimate	\$22,321	\$19,409

Estimate By Jurisdictions

Monterey County

DTSC Task	Hours per year	\$ per hour/day	Annual Total
Review the MOA and 13 LUCs for 70 parcels	<u>4</u>	117	\$468
Review Annual Report on compliance with MOA and LUCs	<u>6</u>	117	\$702
Annual inspection of 70 parcels (including travel)	<u>24</u>	117	\$2,805
Review of Property Transfer Documents	<u>4</u>	117	\$468
Mileage	<u>1</u>	\$205	\$205
Per Diem	<u>3</u>	\$138	\$414
Draft and complete inspection reports, and/or approval letter	<u>6</u>	117	\$702
Supervisor QA	<u>2</u>	166	\$332
Branch Chief Briefing	<u>1</u>	166	\$166
Clerical	<u>4</u>	58	\$232
Subtotal DTSC Costs in County	<u>24</u>		\$6,494
Subtotal Prorated County Costs 57/70 LUC parcels)			\$5,288
FORA Administrative Costs (15%)			\$793
Total County Costs			\$6,081

City of Marina

DTSC Task	Hours per year	\$ per hour	Annual Total
Review the MOA and 9 LUCs for 73 parcels	<u>4</u>	117	\$468
Review Annual Report on compliance with MOA and LUCs	<u>3</u>	117	\$351
Annual inspection of 73 parcels (including travel)	<u>24</u>	117	\$2,805
Draft and complete inspection reports, and/or approval letter	<u>6</u>	117	\$702
Mileage	<u>1</u>	\$205	\$205
Per Diem	<u>3</u>	\$138	\$414
Review of Property Transfer Documents	<u>4</u>	117	\$468
Supervisor QA	<u>2</u>	166	\$332
Branch Chief Briefing	<u>1</u>	166	\$166
Clerical	<u>4</u>	58	\$232
Subtotal DTSC Costs in Marina	<u>9</u>		\$6,143
Subtotal Prorated Marina Costs 59/74 LUC parcels			\$4,898
FORA Administrative Costs (15%)			\$735
Total Marina Costs			\$5,633

City of Monterey

DTSC Task	Hours per year	\$ per hour	Annual Total
Review 1 LUC for <u>1</u> parcel	<u>0.5</u>	117	\$58.5
Review Annual Report on compliance with MOA and LUC	<u>0.5</u>	117	\$58.5
Annual inspection of the parcel (no travel)	<u>1</u>	117	\$117
Mileage to Site and per diem	<u>0</u>	0	\$0
Review of Property Transfer Documents	<u>1</u>	117	\$117
Draft and complete inspection reports and/or approval letter	<u>1</u>	117	\$117
Supervisor QA	<u>2</u>	166	\$306
Branch Chief Briefing	<u>0.5</u>	166	\$83
Clerical	<u>2</u>	58	\$116
Subtotal DTSC Costs in Monterey	<u>24</u>		\$833
FORA Administrative Costs (15%)			\$125
Total Monterey Costs			\$958

City of Del Rey Oaks

DTSC Task	Hours per year	\$ per hour	Annual Total
Review the MOA and 2 LUCs for <u>9</u> parcels	<u>1</u>	117	\$117
Review Annual Report on compliance with MOA and LUCs	<u>4</u>	117	\$468
Annual inspection of <u>9</u> parcels (including travel)	<u>6</u>	117	\$702
Review of Property Transfer Documents	<u>1</u>	117	\$117
Mileage	<u>1</u>	\$102	\$102
Per Diem	<u>1</u>	\$138	\$138
Draft and complete inspection reports, and/or approval letter	<u>4</u>	117	\$468
Supervisor QA	<u>1</u>	166	\$166
Branch Chief Briefing	<u>1</u>	166	\$166
Clerical	<u>2</u>	58	\$116
Subtotal DTSC costs in Del Rey Oaks	<u>22</u>		\$2,560
FORA Administrative Costs (15%)			\$384
Total Del Rey Oaks Costs			\$2,944

City of Seaside

DTSC Task	Hours per year	\$ per hour	Annual Total
Review the MOA and 7 LUCs for <u>32</u> parcels	<u>2</u>	117	\$234
Review Annual Report on compliance with MOA and LUCs	<u>5</u>	117	\$585
Annual inspection of <u>32</u> parcels (including travel)	<u>10</u>	117	\$1,170
Review of Property Transfer Documents	<u>2</u>	117	\$234
Mileage	<u>1</u>	\$205	\$205
Per Diem	<u>1</u>	\$138	\$138

Draft and complete inspection reports and/or approval letter	4	117	\$468
Supervisor QA	<u>1</u>	166	\$166
Branch Chief Briefing	1	166	\$166
Clerical	<u>2</u>	58	\$116
Subtotal DTSC costs in Seaside	<u>28</u>		\$3,379
Subtotal Prorated Seaside Costs 25/32 LUC parcels			\$2,640
FORA Administrative Costs (15%)			\$396
Total Seaside Costs			\$3,036

CSUMB

Description	Factor	Annual Cost	Annual Total
Monterey County (Prorated 3/70 LUC parcels)	4.29%	\$6,494	\$278
Marina (Prorated 3/74 LUC parcels)	4.05%	\$6,143	\$249
Seaside (Prorated 5/32 LUC parcels)	15.63%	\$3,379	\$528
Subtotal CSUMB costs to DTSC			\$1,055
FORA Administrative Costs (15%)	15%	\$1,055	\$158
Total CSUMB Costs			\$1,213

UCSC

Description	Factor	Annual Cost	Annual Total
Monterey County (Prorated 2/70 LUC parcels)	<u>2.86%</u>	\$6,494	\$186
Marina (Prorated 6/74 LUC parcels)	8.11%	\$6,143	\$498
Subtotal UCSC costs to DTSC			\$684
FORA Administrative Costs (15%)	15%	\$684	\$103
Total UCSC Costs			\$787

MPC

Description	Factor	Annual Cost	Annual Total
Monterey County (Prorated 8/70 LUC parcels)	11.43%	\$6,494	\$742
Marina (Prorated 6/74 LUC parcels)	8.11%	\$6,143	\$498
Seaside (Prorated 2/32 LUC parcels)	<u>6.25%</u>	\$3,379	\$211
Subtotal MPC costs to DTSC			\$1,451
FORA Administrative Costs (15%)	15%	\$1,173	\$218
Total MPC Costs			\$1,669

Notes and Assumptions:

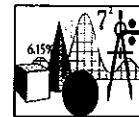
1. The estimates in the tables above are for DTSC's costs to oversee the LUCs on existing and anticipated future land transfers. These estimates based on the attached 2007 DTSC Contract Estimation Rates for the time period between July 1, 2006 and June 30, 2007. Actual charges will be based on actual individual salary and benefits of each employee, actual per diem, mileage rates and expenses and will be invoiced quarterly on a "time and materials" basis. On an annual basis, DTSC will compare this cost estimate with actual charges. If the invoice variance is greater than 20% from the original cost estimate for any jurisdiction, DTSC will notify FORA and prepare an addendum to this cost estimate. DTSC anticipates that staff time required to inspect parcels and review and approve annual reports may increase over time due to increased development and increase in the number of LUCs on newly transferred properties.
2. Pursuant to CCR Section 67391.1, a LUC Implementation and Enforcement Plan (IEP) is required. FORA and the jurisdictions are entering into the MOA, which describes each participant's roles and responsibilities and serves as the EIP.
3. The Army will continue to perform all operation and maintenance activities, monitoring, inspections and five-year reviews for the groundwater remediation and the OU 2 landfill as required by the FFA. DTSC's oversight costs for these tasks will continue to be paid by the Army via DSMOA or equivalent mechanism.
4. DTSC costs for variances, changes or termination of the covenant will be paid by the party requesting the action and are not included in this cost estimate.
5. This cost estimate is based on 2007 DTSC billing rates (attached) and expenses (i.e. mileage, per diem and expenses). Annually, DTSC publishes new billing rates; therefore, this cost estimate may change.

ATTACHMENT "5A"

DTSC Cost Estimation Rates

ATTACHMENT 5A

DEPARTMENT OF TOXIC SUBSTANCES CONTROL



Contract Estimation Rates
Effective 7/01/06 - 06/30/07

These rates are to be used to estimate contract costs for the 2006/07 Fiscal Year effective 7/1/06. The rates are based on the highest salary rate for the class including all pay and equity raises that DTSC is aware of as of 11/1/06. Actual costs will be determined by individual salary rates and benefits, which may be higher or lower than the rate shown.

Questions concerning these rates should be addressed to:
Lillian Haglo, Fiscal Systems at CALNET 8-454-6431 or (916) 324-6431

Rev 11/15/06

SITE MITIGATION AND BROWNFIELD REUSE HAZARDOUS WASTE MANAGEMENT SCIENCE POLLUTION PREVENTION & TECHNOLOGY

Class Code	Class Name	ALL INCLUSIVE HOURLY RATE 175.11%	ALL INCLUSIVE HOURLY RATE 159.37%	ALL INCLUSIVE HOURLY RATE 194.36%
5871	Assistant Chief Counsel	\$212	\$200	\$227
4711	Associate Environmental Planner	\$115	\$108	\$123
5393	Associate Governmental Program Analyst	\$109	\$103	\$117
3856	Associate Industrial Hygienist	\$122	\$115	\$131
7941	Associate Toxicologist	\$131	\$123	\$140
3833	CEA II	\$176	\$166	\$188
8060	Chemist	\$112	\$105	\$120
7574	Criminal Investigator, DTSC	\$115	\$108	\$123
3756	Engineering Geologist	\$145	\$137	\$155
8054	Environmental Biochemist	\$151	\$142	\$162
3726	Hazardous Substances Engineer	\$145	\$136	\$155
3564	Hazardous Substances Scientist	\$117	\$110	\$125
4247	Health Program Audit Manager I, DHS	\$126	\$119	\$135
5278	Management Services Technician	\$70	\$66	\$75
1441	Office Assistant (General)	\$57	\$53	\$61
1379	Office Assistant (Typing)	\$58	\$54	\$62
1148	Office Services Supervisor I (Typing)	\$67	\$63	\$71
1150	Office Services Supervisor II (General)	\$73	\$69	\$79
1138	Office Technician (General)	\$66	\$62	\$70
1139	Office Technician (Typing)	\$67	\$63	\$71
5373	Public Participation, Specialist (DHS)	\$109	\$103	\$117
5372	Public Participation, Supervisor (DHS)	\$125	\$118	\$134
6001	Research Program Specialist II (Soil Erosion)	\$132	\$124	\$141
5581	Research Scientist II (Chemical Sciences)	\$131	\$123	\$140
5638	Research Scientist Sup 1	\$159	\$149	\$170
3751	Senior Engineering Geologist	\$166	\$157	\$178
4713	Senior Environmental Planner	\$138	\$130	\$147
3725	Senior Hazardous Substances Engineer	\$166	\$156	\$178
3565	Senior Hazardous Substances Scientist	\$134	\$127	\$144
3852	Senior Industrial Hygienist	\$139	\$131	\$149
7943	Senior Toxicologist	\$166	\$157	\$178
8068	Staff Chemist	\$122	\$115	\$131
5778	Staff Counsel	\$165	\$156	\$177
5795	Staff Counsel III (Specialist)	\$200	\$189	\$214
5815	Staff Counsel III (Supervisor)	\$201	\$189	\$215
5157	Staff Services Analyst (General)	\$91	\$86	\$97
4800	Staff Services Manager I	\$125	\$118	\$134
4801	Staff Services Manager II (Supervisor)	\$138	\$130	\$147
7978	Staff Toxicologist (Specialist)	\$158	\$149	\$169
8070	Supervising Chemist	\$123	\$116	\$131
7575	Supervising Criminal Investigator I, DTSC	\$126	\$119	\$135
7576	Supervising Criminal Investigator II, DTSC	\$142	\$134	\$152
3748	Supervising Engineering Geologist	\$182	\$172	\$195
3724	Supervising Hazardous Substances Engineer I	\$166	\$157	\$178
3723	Supervising Hazardous Substances Engineer II	\$182	\$172	\$195
3566	Supervising Hazardous Substances Scientist I	\$135	\$127	\$144
3567	Supervising Hazardous Substances Scientist II	\$155	\$146	\$166
1181	Word Processing Technician	\$61	\$57	\$65