

Appendix E

Summary of Impacts and Mitigation Measures for the Reduced/Phased HCP Alternative

Summary of Impacts and Mitigation Measures for the Reduced/Phased HCP Alternative

Impact Statement	Significance before Mitigation ¹		Mitigation Measures
	NEPA	CEQA	
4.2 Aesthetics			
AES-1: Have a substantial adverse effect on a scenic vista.	PAA = LTS ² RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
AES-2: Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within view from a State Scenic Highway.	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
AES-3: In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings. (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality.	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
AES-4: Create a new source of substantial light or glare that would adversely affect day or nighttime views in the area.	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
Cumulative Effects	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
4.3 Air Quality			
AQ-1: Conflict with or Obstruct Implementation of MBARD’s 2016 AQMP.	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
AQ-2: Violate any Air Quality Standard or Contribute to an Air Quality Violation.	PAA = PS RTA = PS RPA = PS	PAA = PS RTA = PS RPA = PS	AQ-1: Prepare a Construction Dust Mitigation Plan prior to the initiation of ground-disturbing activities. AQ-2: Minimize the extent of temporary construction-related diesel particulate matter and NO _x emissions for all future habitat management activities requiring the operation of heavy-duty, construction-related equipment. AQ-3: Develop a Prescribed Burn Management Program (PBMP). AQ-4: Limit prescribed burns conducted in the East Garrison South Reserve to 105 acres or less in size and conduct burns in advance of planned future development. Impact reduced to less-than-significant level with mitigation.

¹ Impact significance under the Proposed Action Alternative and Reduced Take Alternative are *relative to* the No Action Alternative.

² Key: LTS = Less than significant, PS = Potentially Significant, B = Beneficial, NI = No Impact, PAA = Proposed Action Alternative, RTA = Reduced Take Alternative, RPA = Reduced/Phased HCP Alternative

Appendix E. Summary of Impacts and Mitigation Measures for the Reduced/Phased HCP Alternative

Impact Statement	Significance before Mitigation ¹		Mitigation Measures
	NEPA	CEQA	
AQ-3: Result in a Cumulatively Considerable Net Increase in Emissions of a Criteria Pollutant for which the Region is in Non-Attainment.	PAA = PS RTA = PS RPA = PS	PAA = PS RTA = PS RPA = PS	Implementation of Mitigation Measures AQ-1 through AQ-4. Impact reduced to less-than-significant level with mitigation.
AQ-4: Expose Sensitive Receptor(s) to Substantial Pollutant Concentration.	PAA = PS RTA = PS RPA = PS	PAA = PS RTA = PS RPA = PS	Implementation of Mitigation Measures AQ-1 through AQ-4. Impact reduced to less-than-significant level with mitigation.
AQ-5: Create Objectionable Odors Affecting a Substantial Number of People.	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
Cumulative Effects	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
4.4 Biological Resources			
BIO-1a: Impacts to HCP Species and Habitat.	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
BIO-1b: Impacts to Non-HCP Special-Status Species and Habitat.	PAA = PS RTA = PS RPA = PS	PAA = PS RTA = PS RPA = PS	BIO-1: Conduct an Environmental Employee Education Program prior to the initiation of ground-disturbing activities. BIO-2: Retain a qualified biological monitoring during initial ground-disturbing activities. BIO-3: Conduct Pre-Construction Surveys for special-status bat species. BIO-4: Conduct Pre-Construction Surveys for Monterey dusky-footed woodrat. BIO-5: Conduct Pre-Construction Surveys for American badger. BIO-6: Conduct Pre-Construction Surveys for Protected Avian Species. BIO-7: Conduct Pre-Construction Surveys for Burrowing Owl. BIO-8: Conduct Pre-Construction Surveys for non-HCP Species special-status plant species. BIO-9: Conduct Surveys for Monterey Ornate Shrew within Habitat Corridor and Travel Camp HMAs. Impact reduced to less-than-significant level with mitigation.
BIO-2: Impacts to Riparian Habitat, Federally Protected Wetlands, or other Sensitive Natural Community.	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
BIO-3: Potential to substantially interfere with the movement of native wildlife or impede the use of wildlife nurseries associated with the Draft HCP.	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.

Appendix E. Summary of Impacts and Mitigation Measures for the Reduced/Phased HCP Alternative

Impact Statement	Significance before Mitigation ¹		Mitigation Measures
	NEPA	CEQA	
BIO-4: Potential to conflict with Federal, State, or local policies or ordinances protecting biological resources, including tree preservation and oak woodlands, as a result of implementation of the Draft HCP.	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
BIO-5: Potential to conflict with adopted HCPs, NCCPs, or other approved local, regional, or State habitat conservation plan, including the approved Fort Ord HMP, as a result of implementation of the Draft HCP.	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
Cumulative Effects	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
4.5 Climate Change			
CC-1: Generate GHG emissions that would exceed applicable thresholds established by the U.S. EPA, State of California, or MBARD.	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
CC-2: Conflict with a plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs.	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
CC-3: GHG emissions and associated climate change may cause an adverse effect on the Proposed Action.	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
Cumulative Effects	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
4.6 Cultural Resources			
CR-1: Potential impacts on known or unknown cultural resources, unique paleontological resources or sites, unique geologic features, human remains, and tribal cultural resources.	PAA = PS RTA = PS RPA = PS	PAA = PS RTA = PS RPA = PS	CR-1: Stop work and notify a qualified archeologist and/or the Native American Heritage Commission. <i>Impact reduced to less-than-significant level with mitigation.</i>
Cumulative Effects	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
4.7 Energy			
ENG-1: Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation.	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.

Appendix E. Summary of Impacts and Mitigation Measures for the Reduced/Phased HCP Alternative

Impact Statement	Significance before Mitigation ¹		Mitigation Measures
	NEPA	CEQA	
ENG-2: Conflict with or obstruct a state or local plan for renewable energy or energy efficiency.	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
Cumulative Effects	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
4.8 Geology and Soils			
GEO-1: Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault, strong seismic ground shaking, seismic-related ground failure, including liquefaction, or landslides.	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
GEO-2: Result in substantial soil erosion or the loss of topsoil.	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
GEO-3: Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse.	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
GEO-4: Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property.	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
Cumulative Effects	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
4.9 Hazards and Hazardous Materials			
HAZ-1: Create a significant hazard through the routine transport, use, or disposal of hazardous materials.	PAA = PS RTA = PS RPA = PS	PAA = PS RTA = PS RPA = PS	HAZ-1: Prepare a Hazardous Materials Spill Response Plan. HAZ-2: Evaluate areas where fire retardants or other chemicals are used for fire suppression purposes and appropriately remediate if contamination is detected. <i>Impact reduced to less-than-significant level with mitigation.</i>
HAZ-2: Create a significant hazard to the public or environment through reasonably foreseeable upset and accident conditions involving the release of a hazardous material.	PAA = PS RTA = PS RPA = PS	PAA = PS RTA = PS RPA = PS	Implementation of Mitigation Measures HAZ-1 and HAZ-2. <i>Impact reduced to less-than-significant level with mitigation.</i>

Appendix E. Summary of Impacts and Mitigation Measures for the Reduced/Phased HCP Alternative

Impact Statement	Significance before Mitigation ¹		Mitigation Measures
	NEPA	CEQA	
HAZ-3: Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school.	PAA = PS RTA = PS RPA = PS	PAA = PS RTA = PS RPA = PS	Implementation of Mitigation Measures AQ-1 through AQ-4. Impact reduced to less-than-significant level with mitigation.
HAZ-4: Create and/or expose the public or environment to hazardous conditions on a site that is included on a list of hazardous materials sites compiled pursuant to California Government Code Section 65962.5.	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
HAZ-5: For a project located within an airport land use plan or within two miles of a public airport or within the vicinity of a private airstrip, expose people residing or working in the project area to a safety hazard.	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
HAZ-6: Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan.	PAA = B RTA = B RPA = B	PAA = B RTA = B RPA = B	No mitigation is required.
HAZ-7: Expose people or structures to a significant loss, injury, or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands.	PAA = PS RTA = PS RPA = PS	PAA = PS RTA = PS RPA = PS	Implementation of Mitigation Measure HAZ-3: Prepare a Fuel Management Plan, and Mitigation Measure PS-1. Impact reduced to less-than-significant level with mitigation.
HAZ-8: Cause potential hazards to the public due to exposure to military munitions.	PAA = PS RTA = PS RPA = PS	PAA = PS RTA = PS RPA = PS	HAZ-4: Develop a safety program. HAZ-5: All land management personnel shall attend an Army-sponsored military munitions safety debriefing, prior to the commencement of any ground-disturbing habitat management activity. Impact reduced to less-than-significant level with mitigation.
HAZ-9: Cause a potential hazard due to inundation by seiche, tsunami, or mudflow.	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
Cumulative Effects	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
4.10 Hydrology & Water Quality			
WTR-1: Potential to violate any water quality standard or waste discharge requirement, substantially degrade surface or groundwater quality, or substantially alter drainage patterns.	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
Cumulative Effects	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.

Appendix E. Summary of Impacts and Mitigation Measures for the Reduced/Phased HCP Alternative

Impact Statement	Significance before Mitigation ¹		Mitigation Measures
	NEPA	CEQA	
4.11 Land Use & Planning			
LUP-1: Physically divide an established community.	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
LUP-2: Conflict with plans, policies, and regulations adopted for the purposes of avoiding or mitigating an environmental effect.	PAA = PS RTA = PS RPA = PS	PAA = PS RTA = PS RPA = PS	Implementation of Mitigation Measures AQ-1 through AQ-4 and PS-1. Impact reduced to less-than-significant level with mitigation.
LUP-3: Conflict with any applicable habitat conservation plan or natural community conservation plan.	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
Cumulative Effects	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
4.12 Noise			
NOISE-1: Exposure of noise-sensitive land uses to temporary increases in noise levels.	PAA = PS RTA = PS RPA = PS	PAA = PS RTA = PS RPA = PS	NOISE-1: Implement noise-reducing practices for all habitat management activities that have the potential to exceed ambient noise levels within 300 feet of a sensitive receptor. Impact reduced to less-than-significant level with mitigation.
NOISE-2: Potential permanent exposure of noise-sensitive land uses to noise levels in excess of established standards.	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
NOISE-3: Potential increases in traffic noise levels.	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
Cumulative Effects	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
4.13 Public Services			
PS-1: Increased demand for police and fire protection services that would result in the construction of new or altered police or fire facilities.	PAA = PS RTA = PS RPA = PS	PAA = PS RTA = PS RPA = PS	PS-1: Notify all fire protection service providers in the vicinity of the former Fort Ord before each scheduled prescribed burn to be conducted as a vegetative management activity. Impact reduced to less-than-significant level with mitigation.
PS-2: Increase the use of existing neighborhood and regional parks or other recreational facilities that would result in, or accelerate, the substantial physical deterioration of the facility, or result in the construction or expansion of recreational facilities that would have a	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.

Appendix E. Summary of Impacts and Mitigation Measures for the Reduced/Phased HCP Alternative

Impact Statement	Significance before Mitigation ¹		Mitigation Measures
	NEPA	CEQA	
physical adverse effect on the environment.			
PS-3: Increased demand for schools that would result in the construction of new or altered facilities.	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
Cumulative Effects	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
4.14 Socioeconomics and Environmental Justice			
SOCIO-1: Affect employment, industry, or commerce, including requiring the displacement of business or farms.	PAA = B RTA = LTS RPA = B	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
SOCIO-2: Substantially affect property values or the local tax base.	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
SOCIO-3: Cause a disproportionate effect on minority, low-income, elderly, disabled, transit-dependent, or other specific interest group(s).	PAA = PS RTA = PS RPA = PS	PAA = PS RTA = PS RPA = PS	Implementation of Mitigation Measures AQ-3, AQ-4, and PS-1. Impact reduced to less-than-significant level with mitigation.
SOCIO-4: Cause an adverse effect on a minority or low-income area as defined by the EPA.	PAA = PS RTA = PS RPA = PS	PAA = PS RTA = PS RPA = PS	Implementation of Mitigation Measures AQ-3, AQ-4, and PS-1. Impact reduced to less-than-significant level with mitigation.
SOCIO-5: Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere.	PAA = NI RTA = NI RPA = NI	PAA = NI RTA = NI RPA = NI	No mitigation is required.
Cumulative Effects	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
4.15 Transportation & Circulation			
TRC-1: Construction Traffic.	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
TRC-2: Transit Impacts.	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
TRC-3: Construction Traffic Impacts.	PAA = PS RTA = PS RPA = PS	PAA = PS RTA = PS RPA = PS	TRC-1: Prepare a Traffic Control Plan per the standards of the appropriate jurisdiction. Impact reduced to less-than-significant level with mitigation.

Appendix E. Summary of Impacts and Mitigation Measures for the Reduced/Phased HCP Alternative

Impact Statement	Significance before Mitigation ¹		Mitigation Measures
	NEPA	CEQA	
TRC-4: Potential Conflicts with Transportation Plans, Programs, and Planned Projects.	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
Cumulative Effects	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
4.16 Utilities			
UTIL-1: Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects.	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
UTIL-2: Have insufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry, and multiple dry years.	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
UTIL-3: Result in a determination by the wastewater treatment provider which serves or may serve the project that it does not have adequate capacity to serve the project's projected demand in addition to the provider's existing commitments.	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
UTIL-4: Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals.	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.
Cumulative Effects	PAA = LTS RTA = LTS RPA = LTS	PAA = LTS RTA = LTS RPA = LTS	No mitigation is required.