

**APPENDIX F**

**SUMMARY OF INTERVIEWS CONDUCTED IN SUPPORT  
OF THE INSTITUTIONAL ANALYSIS**

**TELEPHONE OR VERBAL CONVERSATION RECORD  
INSTITUTIONAL ANALYSIS, INSTITUTIONAL CONTROLS DATA SURVEY**

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| <b>SUBJECT OF CONVERSATION:</b><br>Phase II Engineering Evaluation/Cost Analysis (EE/CA)<br>Former Waikoloa Maneuver Area and Nansay Sites<br>Island of Hawai'i, Hawai'i |   |                                       |
| <b>Institutional Controls Data Survey</b>  |   |                                       |
| <b>Date:</b> 13 February 2001  |   |                                       |
| <b>PERSON CALLING/CONTACTING</b><br>Wayne Snowbarger   | <b>ADDRESS</b><br>Earth Tech, Inc.<br>1461 East Cooley Drive, Suite 100<br>Colton, CA 92324 | <b>PHONE NUMBER</b><br>(909) 554-5000 |
| <b>PERSON CALLED/CONTACTED</b><br>Norman K. Hayashi<br>Planning Program Manager  | <b>OFFICE</b><br>County of Hawai'i<br>Planning Department<br>Island of Hawai'i, Hawai'i     | <b>PHONE NUMBER</b><br>(808) 961-8288 |

**SUMMARY OF CONVERSATION:**

Wayne Snowbarger (Earth Tech) discussed the field work for the Former Waikoloa Maneuver Area and Nansay Sites Engineering Evaluation/Cost Analysis (EE/CA), including potential recommendations for institutional controls. Typical institutional controls were described for use on Formerly Used Defense Sites (FUDS).

Information was obtained on the County's existing General Plan. The General Plan is currently being revised and is expected to be complete by the end of calendar year 2001. A copy of the General Plan was provided along with information on the process being used to revise the document.

Mr. Hayashi was not aware of the former uses of the Former Waikoloa Maneuver Area. Mr. Snowbarger provided a copy of one of the field maps showing the boundary of the areas that were included in the Phase II EE/CA. The County of Hawai'i General Plan's safety element is limited to flood and seismic hazards and does not address chemical or other forms of contamination, including ordnance and explosives.

Mr. Hayashi indicated that the area around the Former Waikoloa Maneuver Area is one of the prime development areas within the South Kohala District, especially for resort oriented activities. Mr. Hayashi also indicated that any institutional controls necessary would have to be evaluated by the County. Mr. Hayashi was receptive to discuss appropriate institutional controls.

**TELEPHONE OR VERBAL CONVERSATION RECORD  
INSTITUTIONAL ANALYSIS, INSTITUTIONAL CONTROLS DATA SURVEY**

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| <b>SUBJECT OF CONVERSATION:</b><br>Phase II Engineering Evaluation/Cost Analysis (EE/CA)<br>Former Waikoloa Maneuver Area and Nansay Sites<br>Island of Hawai'i, Hawai'i |   |                                       |
| <b>Institutional Controls Data Survey</b>  |   |                                       |
| <b>Date:</b> 17 May 2001   |   |                                       |
| <b>PERSON CALLING/CONTACTING</b><br>David Ahlborn/Greg Peterson  | <b>ADDRESS</b><br>Earth Tech, Inc.<br>1461 East Cooley Drive, Suite 100<br>Colton, CA 92324 | <b>PHONE NUMBER</b><br>(909) 554-5003 |
| <b>PERSON CALLED/CONTACTED</b><br>Riley Smith  | <b>OFFICE</b><br>Parker Ranch<br>Island of Hawai'i, Hawai'i                                 | <b>PHONE NUMBER</b><br>(808) 885-2306 |

**SUMMARY OF CONVERSATION:**

Earth Tech personnel asked Riley Smith if the Parker Ranch would be willing to participate in the installation and maintenance of institutional controls (e.g., warning signs and fencing) on Parker Ranch property. Mr. Smith stated that the Parker Ranch would be happy to participate in such activities but the initial capital required to produce the signs and install any fencing would have to come from the U.S. Army Corps of Engineers. Sign maintenance would not be a problem since ranch personnel routinely inspect their fences and it would not be a problem to check the warning signs during that process. Fencing off areas with a high unexploded ordnance (UXO) density would have to be looked at on a case-by-case basis, since it could mean the elimination of prime grazing lands. Mr. Smith added that the trustees would have to confirm this position since he can't make that decision without approval of the trustees.

Mr. Smith stated that the Parker Ranch has recently amended a disclosure statement that all ranch visitors (e.g., hunters) must sign prior to entering the ranch. The disclaimer states that the U.S. Army Corps of Engineers have identified the presence of UXO on ranch property.

Mr. Smith reiterated that the UXO is an Army problem and that the Army needs to pay for the actions/remedies to reduce or eliminate that problem (i.e., the Army needs to pay for the institutional controls).

Mr. Smith also stated that the Parker Ranch may allow/provide a location where an ordnance display case could be installed, such as the Parker Ranch Center. He stated that the best location for a display of that type would be at the Post Office, since everyone utilizes that facility.

**TELEPHONE OR VERBAL CONVERSATION RECORD  
INSTITUTIONAL ANALYSIS, INSTITUTIONAL CONTROLS DATA SURVEY**

**SUBJECT OF CONVERSATION:**

Phase II Engineering Evaluation/Cost Analysis (EE/CA)  
Former Waikoloa Maneuver Area and Nansay Sites  
Island of Hawai'i, Hawai'i

**Preliminary EE/CA Investigation Results and Implementation of Various Institutional Control Measures**

**Date:** 16 May 2001

| <b>PERSON CALLING/CONTACTING</b> | <b>ADDRESS</b>  | <b>PHONE NUMBER</b> |
|----------------------------------|---|---------------------|
| David Ahlborn/Greg Peterson      | Earth Tech, Inc.<br>1461 East Cooley Drive, Suite 100<br>Colton, CA 92324 | (909) 554-5000      |
| <b>PERSON CALLED/CONTACTED</b>   | <b>OFFICE</b>   | <b>PHONE NUMBER</b> |
| Lieutenant Don Watson            | South Kohala Police District<br>Island of Hawai'i, Hawai'i                | (808) 887-3080      |

**SUMMARY OF CONVERSATION:**

David Ahlborn and Greg Peterson (Earth Tech) met with Lieutenant Don Watson (South Kohala Police District) regarding the preliminary findings of the Phase II EE/CA field investigation and the local police department's position on reducing hazards from ordnance. Lieutenant Watson was appreciative of Earth Techs' presence on the former maneuver area as it provided a resource to immediately respond to and dispose of unexploded ordnance (UXO). Lieutenant Watson was enthusiastically in favor of employing any type of institutional controls throughout the district and suggested that the police department could organize a mobile ordnance display for use at local schools or community groups for purposes of a safety briefing/lecture. Lieutenant Watson offered to store and maintain the display, as well as offered ideas on the content of a safety awareness video, such as using mannequins to show the blast effects of ordnance. Lieutenant Watson also indicated that he is aware of a local resident that could inexpensively assist with the video presentation.

Lieutenant Watson closed by stating that the police department is always alert to ordnance concerns on the former maneuver area and will assist in any way possible.

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INSTITUTIONAL ANALYSIS, INSTITUTIONAL CONTROLS DATA SURVEY**

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| <b>SUBJECT OF CONVERSATION:</b><br>Phase II Engineering Evaluation/Cost Analysis (EE/CA)<br>Former Waikoloa Maneuver Area and Nansay Sites<br>Island of Hawai'i, Hawai'i<br><b>Waikoloa Village Association Master Plan</b> |   |                                       |
| <b>Date:</b> 21 November 2001   |   |                                       |
| <b>PERSON CALLING/CONTACTING</b><br>David Ahlborn/John Butler   | <b>ADDRESS</b><br>Earth Tech, Inc.<br>1461 East Cooley Drive, Suite 100<br>Colton, CA 92324     | <b>PHONE NUMBER</b><br>(909) 554-5003 |
| <b>PERSON CALLED/CONTACTED</b><br>Mable Ishii   | <b>OFFICE</b><br>Waikoloa Village Association<br>Waikoloa Village<br>Island of Hawai'i, Hawai'i | <b>PHONE NUMBER</b><br>(808) 883-9422 |

**SUMMARY OF CONVERSATION:**

Earth Tech personnel (David Ahlborn and John Butler) met with Mable Ishii of the Waikoloa Village Association to discuss current land use boundaries, future land uses within the Waikoloa Village proper, as well as future plans for the unimproved area southeast of the existing village. Ms. Ishii stated that the Association is interested in the development of the land southeast of the village; however, current "build-out" (i.e., expansion) is uncertain. The property currently has fences along Waikoloa Road, and along the seaward (western) side. This fenceline does not allow for vehicle traffic. The number of roads into the area is limited; however, residents (pedestrians) can easily access the area if they want to. There are no signs warning of the possible presence or risk from ordnance. The Association has no plans to install these types of signs; however, the Association has no problem with installation of warning signs in areas of known ordnance risk. The Association asked who would pay for the warning signs and showed concerns about liability from ordnance. Earth Tech personnel obtained a map of the Waikoloa Village Association property. The map was identified by Ms. Ishii as the Waikoloa Village Master Plan.

A subsequent telephone conversation with Ms. Ishii determined that although the association encourages the installation of warning signs, fencing off areas was not seen as a viable institutional control since this would hinder residents access to what Ms. Ishii referred to as "common areas."

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INSTITUTIONAL ANALYSIS, INSTITUTIONAL CONTROLS DATA SURVEY**

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| <b>SUBJECT OF CONVERSATION:</b><br>Phase II Engineering Evaluation/Cost Analysis (EE/CA)<br>Former Waikoloa Maneuver Area and Nansay Sites<br>Island of Hawai'i, Hawai'i |   |                                       |
| <b>Field Investigation of the Hawai'ian Homelands</b>  |   |                                       |
| <b>Date:</b> 12 March 2001   |   |                                       |
| <b>PERSON CALLING/CONTACTING</b><br>David Ahlborn  | <b>ADDRESS</b><br>Earth Tech, Inc.<br>1461 East Cooley Drive, Suite 100<br>Colton, CA 92324 | <b>PHONE NUMBER</b><br>(909) 554-5003 |
| <b>PERSON CALLED/CONTACTED</b><br>Jim DuPont   | <b>OFFICE</b><br>Department of Hawai'ian Homelands<br>Island of Hawai'i, Hawai'i            | <b>PHONE NUMBER</b><br>(808) 887-6053 |

**SUMMARY OF CONVERSATION:**

Jim Dupont visited the Earth Tech field command post on 12 March 2001 to discuss the site characterization methodology and to determine what right-of-entry needed to be obtained to visually survey and/or geophysically map the Hawai'ian Homelands area. Mr. Dupont stated that he would contact property lessees to obtain right-of-entry. Mr. DuPont asked if Earth Tech would prefer access to a specific part of the homelands property or if any area would be appropriate. David Ahlborn (Earth Tech) stated that the property immediately adjacent to the Parker Ranch property (closest to the maneuver area) would be preferred. Mr. Dupont stated he would do his best; however, the areas next to Parker Ranch property consist of a number of small parcels and he would have to contact numerous lessees for access.

Mr. Ahlborn inquired as to whether Mr. DuPont has heard of any live ordnance being found in the homelands area. Mr. DuPont stated that no one to his knowledge has reported any. Mr. DuPont added that he believes that many residents don't think that any risk from ordnance exists because their property has no evidence of ordnance and they believe their property was never utilized by the military. Mr. Ahlborn and Mr. DuPont briefly discussed site access and visitation by other than homeland residents. Mr. DuPont indicated that access to the homelands property (via dirt and gravel roads) is easy; however, only residents utilize the site since the property is divided and usually fenced into small ranch-sized or homestead-sized parcels. No signs warning of ordnance danger are present. Mr. DuPont indicated that before signs could be installed, the issue would have to be presented to the homeland association membership for approval. A lecture/briefing on ordnance safety awareness could easily be conducted at a general membership meeting.

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| <b>SUBJECT OF CONVERSATION:</b><br>Phase II Engineering Evaluation/Cost Analysis (EE/CA)<br>Former Waikoloa Maneuver Area and Nansay Sites<br>Island of Hawai'i, Hawai'i<br><b>EE/CA Field Investigation Methodology and Right-of-Entry into Hawai'ian Homelands</b> |   |                                       |
| <b>Date:</b> 15 February 2001  |   |                                       |
| <b>PERSON CALLING/CONTACTING</b><br>David Ahlborn  | <b>ADDRESS</b><br>Earth Tech, Inc.<br>1461 East Cooley Drive, Suite 100<br>Colton, CA 92324                 | <b>PHONE NUMBER</b><br>(909) 554-5003 |
| <b>PERSON CALLED/CONTACTED</b><br>Kanani Puinai  | <b>OFFICE</b><br>Hawai'ian Homelands Residents<br>Association, Waimea/Kamuela<br>Island of Hawai'i, Hawai'i | <b>PHONE NUMBER</b><br>(808) 885-8336 |

**SUMMARY OF CONVERSATION:**

A telephone conversation was held on 15 February 2001 between Kanani Puinai (President of the Hawai'ian Homelands Residents Association) and David Ahlborn (Earth Tech Task Order Manager). Ms. Puinai called to see if Earth Tech field personnel could address the association membership at a general membership meeting on 22 February 2001. Mr. Ahlborn also provided Ms. Puinai with a brief project overview including the site characterization methodology, preliminary geophysical results, and tentative site recommendations. Rights-of-entry were also discussed, as well as accessing portions of the Hawai'ian Homelands property (adjacent to the Parker Ranch Property) during visual reconnaissance activities. Mr. Ahlborn explained that Earth Tech believed that it had right-of-entry when the visual reconnaissance was conducted in December 2001. Ms. Puinai was not aware of any ordnance being found on the homelands properties (EE/CA Field Investigation Sector 8). Mr. Ahlborn explained that due to poor record keeping in the past, no one can be sure when and what types of maneuvers or training were conducted; as a precaution, the Hawai'ian Homelands was added to the investigation of the former maneuver area. Hawai'ian Homelands is subdivided into individual parcels ranging from 2.5 to 10+ acres, with many parcels fenced off deterring easy access. The area is typically not frequented by anyone other than the residents. No signs warning of ordnance hazards are currently present. It was apparent that Ms. Puinai was not convinced that installing warning signs as an institutional control was necessary unless a true risk from ordnance is identified.

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| <b>SUBJECT OF CONVERSATION:</b><br>Phase II Engineering Evaluation/Cost Analysis (EE/CA)<br>Former Waikoloa Maneuver Area and Nansay Sites<br>Island of Hawai'i, Hawai'i |   |                                       |
| <b>EE/CA Field Investigation Methodology and Status Briefing</b>   |   |                                       |
| <b>Date:</b> 22 February 2001  |   |                                       |
| <b>PERSON CALLING/CONTACTING</b><br>Paula DeLong/John Dickerson  | <b>ADDRESS</b><br>Earth Tech, Inc.<br>1461 East Cooley Drive, Suite 100<br>Colton, CA 92324 | <b>PHONE NUMBER</b><br>(909) 554-5000 |
| <b>PERSON CALLED/CONTACTED</b><br>Hawai'ian Homelands Association  | <b>OFFICE</b><br>Waimea/Kamuela<br>Island of Hawai'i, Hawai'i                               | <b>PHONE NUMBER</b><br>Not Applicable |

**SUMMARY OF CONVERSATION:**

Earth Tech personnel (Paula DeLong and John Dickerson) were requested to address a meeting of the Hawai'ian Homelands Association, held at the Waimea Community Center. Earth Tech personnel provided a brief overview of the Phase II EE/CA field investigation methodology and answered questions from homeland residents. The residents of the Hawai'ian Homelands expressed dissatisfaction with the Hawai'ian Homelands Association because they failed to contact the residents regarding the ongoing EE/CA ordnance characterization activities. Residents passed a motion that right-of-entry would not be guaranteed for any of their properties until they (residents) had an opportunity to voice their concerns/grievances with the Hawai'ian Homelands Association. Additionally, residents were angry that it has taken over 50 years for the government to return to clean up the site.

Conversations between Earth Tech personnel with several individual residents indicated that there was no military activity on Hawai'ian Homelands properties. These residents have indicated they do not see a need for an ordnance investigation since they do not perceive any risk from ordnance.

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| <b>SUBJECT OF CONVERSATION:</b><br>Phase II Engineering Evaluation/Cost Analysis (EE/CA)<br>Former Waikoloa Maneuver Area and Nansay Sites<br>Island of Hawai'i, Hawai'i |   |                                       |
| <b>Access to Wind Farm and EE/CA Field Activities</b>  |   |                                       |
| <b>Date:</b> 22 November 2001  |   |                                       |
| <b>PERSON CALLING/CONTACTING</b><br>David Ahlborn/Chris Shaver   | <b>ADDRESS</b><br>Earth Tech, Inc.<br>1461 East Cooley Drive, Suite 100<br>Colton, CA 92324 | <b>PHONE NUMBER</b><br>(909) 554-5000 |
| <b>PERSON CALLED/CONTACTED</b><br>Hersley Woolford   | <b>OFFICE</b><br>Hawai'i Energy Company<br>Island of Hawai'i, Hawai'i                       | <b>PHONE NUMBER</b><br>Not Applicable |

**SUMMARY OF CONVERSATION:**

Hersley Woolford (associated with the Hawai'i Energy Company) was the point-of-contact with Earth Tech for accessing the wind farm area (EE/CA Field Investigation Sector 4). Main access to the area is through a locked gate on Queen Kaahumanu Highway. However, once through the gate, parts of Sectors 2, 4, 10, and 11 can be easily accessed. Conversations with employees at the wind farm indicates that they have found some ordnance and explosives (OE) scrap (inert and nonhazardous) within the wind farm area. There are currently no warning signs in place and the actual wind farm itself is not fenced.

The wind farm employees haven't thought much about ordnance hazard or institutional controls since the site location is remote and access is difficult. However, wind farm personnel were not opposed to the installation of institutional controls in the area.

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| <b>SUBJECT OF CONVERSATION:</b><br>Phase II Engineering Evaluation/Cost Analysis (EE/CA)<br>Former Waikoloa Maneuver Area and Nansay Sites<br>Island of Hawai'i, Hawai'i |   |                                       |
| <b>General Discussion</b>  |   |                                       |
| <b>Date:</b> 04 April 2001   |   |                                       |
| <b>PERSON CALLING/CONTACTING</b><br>David Ahlborn  | <b>ADDRESS</b><br>Earth Tech, Inc.<br>1461 East Cooley Drive, Suite 100<br>Colton, CA 92324 | <b>PHONE NUMBER</b><br>(909) 554-5003 |
| <b>PERSON CALLED/CONTACTED</b><br>Miles Nakahara<br>Wildlife Biologist   | <b>OFFICE</b><br>Hawai'i Division of Forestry and Wildlife<br>Island of Hawai'i, Hawai'i    | <b>PHONE NUMBER</b><br>(808) 887-6063 |

**SUMMARY OF CONVERSATION:**

Miles Nakahana stopped by the Earth Tech field command post to obtain a map identifying the location of unexploded ordnance (UXO) and ordnance and explosives (OE) scrap recovered as a result of the Phase II EE/CA field investigation. Earth Tech provided Mr. Nakahana a map showing the collected data through the middle of March 2001 with the understanding that field investigations were still ongoing and that the data collected was still under review. Mr. Nakahana stated that he wanted to identify areas with heavy concentrations of ordnance. This information would then be provided to fire fighting crews as ordnance danger areas. Depending on the situation, some areas may be destroyed as "let burn" areas because of the risk from UXO. Mr. Nakahana also asked if Earth Tech could forward him an updated/final ordnance location map. Mr. Nakahana was agreeable to the dissemination of information regarding the location and possible risk associated with ordnance, including training/briefing local agency personnel in ordnance identification and reporting procedures and/or installation of warning signs.

Mr. Nakahana could not comment on the position the Division of Forestry and Wildlife holds regarding the support of institutional controls since the Division of Forestry and Wildlife is not a property owner within the former maneuver area; however, the Division does respond to fires as a matter of public safety.

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| <b>SUBJECT OF CONVERSATION:</b><br>Phase II Engineering Evaluation/Cost Analysis (EE/CA)<br>Former Waikoloa Maneuver Area and Nansay Sites<br>Island of Hawai'i, Hawai'i<br><br><b>Conducting Landscaping Activities in Area Along Kawaihae Road (Sectors 9 and 12)</b> |   |                                       |
| <b>Date:</b> 07 March 2001  |   |                                       |
| <b>PERSON CALLING/CONTACTING</b><br>David Ahlborn   | <b>ADDRESS</b><br>Earth Tech, Inc.<br>1461 East Cooley Drive, Suite 100<br>Colton, CA 92324 | <b>PHONE NUMBER</b><br>(909) 554-5003 |
| <b>PERSON CALLED/CONTACTED</b><br>Keoki & Yvonne Carter   | <b>OFFICE</b><br>Anekona Estates (Kawaihae Road)<br>Island of Hawai'i, Hawai'i              | <b>PHONE NUMBER</b><br>Not Applicable |

**SUMMARY OF CONVERSATION:**

Keoki and Yvonne Carter, residents of the Anekona Estates (EE/CA Field Investigation Sector 9), visited the Earth Tech field command post on 07 March 2001 and met with the Earth Tech Task Order Manager, David Ahlborn. The Carter's are aware of the ordnance characterization activities associated with the former maneuver area and are also aware that live ordnance has been found and destroyed in the areas close to their home. The Carter's are concerned that they cannot work around their home (i.e., plant trees) unless it has been surveyed for ordnance. Additionally, they are concerned that the government may limit their use of the land due to the ordnance issues.

Mr. Ahlborn ensured the Carter's that they are free to do whatever they want since it is their property and no one can prevent them from this. Mr. Ahlborn also stated that if ordnance were present near their home it would likely be found on the surface. Mr. Ahlborn informed them that if they do not feel comfortable conducting landscaping activities on their property, they could contact the U.S. Army Corps of Engineers, Honolulu District (CEPOH), to discuss their concerns. Mr. Carter stated that would not be necessary since he has been working on the property for years and has not had a problem with ordnance to date. Mr. Ahlborn made himself, as well as other field personnel, available to answer any additional questions they may have in the future.