## CHAPTER 4.0
### LIST OF PREPARERS

<table>
<thead>
<tr>
<th>Name</th>
<th>Degree and/or Certification</th>
<th>Project Role</th>
<th>Years Experience</th>
<th>Background</th>
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<tr>
<td>State of Hawai’i; DBEDT</td>
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<tr>
<td>Mark Glick</td>
<td>M.S., Public Management &amp; Policy</td>
<td>Project and source of funding oversight</td>
<td>25</td>
<td>Public management, clean energy project management and policy development</td>
</tr>
<tr>
<td>Maria Tome</td>
<td>B.S., Mechanical Engineering; P.E. (Civil)</td>
<td>Project Manager</td>
<td>22</td>
<td>Project management; energy programs, sources, and infrastructure</td>
</tr>
<tr>
<td>AECOM Technology Corporation (AECOM)</td>
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<tr>
<td>Michael Downs</td>
<td>Ph.D., Anthropology</td>
<td>Project Director</td>
<td>31</td>
<td>Socioeconomics</td>
</tr>
<tr>
<td>William Kucharski</td>
<td>M.S. Chemical Engineering, M.S. Civil Engineering (WRE); P.E.</td>
<td>Project Manager</td>
<td>40</td>
<td>Major project management, environmental/engineering management</td>
</tr>
<tr>
<td>David Connally</td>
<td>M.S., Oceanography</td>
<td>Deputy Project Manager; Technical Compliance Lead</td>
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<td>Water resources and water quality environmental management</td>
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<tr>
<td>Jeff Merz</td>
<td>B.S., Urban and Regional Planning</td>
<td>Deputy Project Manager; Project Logistics and Technical Writer</td>
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<td>Urban planning, land use, environmental documentation</td>
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<tr>
<td>Stephen Aubrey</td>
<td>A.A., Electronic Technology; A.A., Arts &amp; Sciences</td>
<td>Data analyst, SOEST videos</td>
<td>25</td>
<td>Oceanographic and marine ecological data collection and analysis</td>
</tr>
<tr>
<td>James Blake</td>
<td>Ph.D., Zoology</td>
<td>Principal Investigator, Offshore Marine Ecology</td>
<td>43</td>
<td>Marine ecology; invertebrate systematics; marine biodiversity</td>
</tr>
<tr>
<td>Barbie Blann</td>
<td>M.S., Environmental Sciences/Education B.S., Natural Resources and Environmental Sciences</td>
<td>Air Quality section author and terrestrial biological research</td>
<td>8</td>
<td>Environmental compliance services, preparation of permit applications, environmental monitoring, environmental impact analyses, and compliance reporting</td>
</tr>
<tr>
<td>Dan Harris</td>
<td>M.A., Anthropology</td>
<td>Socioeconomics; Environmental Justice</td>
<td>3</td>
<td>Socioeconomic impact assessment; Native American outreach; ethnography</td>
</tr>
<tr>
<td>Bill Lester</td>
<td>M.S. Biology</td>
<td>Ecological risk for chemicals in sediment and soil; EMF and thermal radiation</td>
<td>38</td>
<td>Ecological risk assessment for chemicals in sediment soil and water; marine ecology</td>
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<tr>
<td>Lorenda Lo</td>
<td>M.L.A., Landscape Architecture; LEED AP</td>
<td>Technical Writer (Land Transportation; Public Services)</td>
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<td>Urban design and community planning, landscape design, and environmental documentation</td>
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<tr>
<td>Nancy Maciolek-Blake</td>
<td>Ph.D., Marine Biology</td>
<td>Marine ecologist, offshore surveyed areas; data summaries and editing</td>
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<td>Marine Benthic Ecology, Invertebrate Taxonomy, Marine Biodiversity</td>
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<tr>
<td>James Mansky</td>
<td>M.S., Zoology/Botany</td>
<td>Technical Lead, Biological Resources</td>
<td>34</td>
<td>Ecology and compliance with Federal environmental regulations</td>
</tr>
<tr>
<td>Lisa Montana</td>
<td>B.S., Environmental Science and Forestry; Certified Arborist</td>
<td>Ecology</td>
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<td>Assessment and impact analysis of ecosystems. Arboriculture expert.</td>
</tr>
<tr>
<td>Name</td>
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<tr>
<td>Kristen Nishimura</td>
<td>B.A., Asian Studies;</td>
<td>Technical Writer (Land use, Recreation, Visual</td>
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<td>Physical planning; environmental planning</td>
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<td>AICP</td>
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<tr>
<td>Sugam Patel</td>
<td>M.S., Engineering</td>
<td>Electrical Engineer;</td>
<td>5</td>
<td>Transmission planning &amp; theory; transmission engineering &amp; design;</td>
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<td></td>
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<td>descriptions of cable lay and facility</td>
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<td>design and construction</td>
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<tr>
<td>Robin Rice</td>
<td></td>
<td>Word Processor/Document Production</td>
<td>38</td>
<td>Formats and finalizes large, complex environmental documents</td>
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<tr>
<td>John Rollino</td>
<td>M.S., Geoscience;</td>
<td>Task Lead, Terrestrial and Coastal Ecology</td>
<td>16</td>
<td>Assessment, impact analysis, and restoration design of terrestrial,</td>
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<tr>
<td></td>
<td>M.A., Environmental</td>
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<td>wetland, endangered species/critical habitat, and coastal ecosystems (esp.</td>
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<td>Studies; Certified Ecologist;</td>
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<td>coral reefs)</td>
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<td></td>
<td>Certified Wetland Delineator (MN); Certified Arborist</td>
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<tr>
<td>Robert Sachnin</td>
<td>MUP, Urban Planning;</td>
<td>GIS; ecology</td>
<td>5</td>
<td>Spatial analysis – habitats.</td>
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<tr>
<td></td>
<td>Certified Planner</td>
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<tr>
<td>John Scholfield</td>
<td>B.S., Earth Science</td>
<td>Hazardous Materials; Military Munitions Lead</td>
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<td>Management/technical expert, CERCLA, RCRA, UXO, and HDOH sites</td>
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<td>Christopher Stoll</td>
<td>M.A., Urban &amp; Regional</td>
<td>GIS Manager</td>
<td>10</td>
<td>GIS, urban planning, master planning and design, environmental planning,</td>
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<td>Planning, GIS Specialization;</td>
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<tr>
<td>Therese Tempereau</td>
<td>B.A., English</td>
<td>Technical Editor</td>
<td>32</td>
<td>Technical editing; data verification</td>
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<tr>
<td>Stephen Weidlich</td>
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<td>7</td>
<td>Socioeconomic impact assessment; environmental justice analyses; ethnography</td>
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<tr>
<td>Stephanie Wilson</td>
<td>M.S., Marine Biology</td>
<td>Marine mammals and turtles; Endangered Species</td>
<td>15</td>
<td>Marine ecology; fisheries modeling; data analyst</td>
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<td></td>
<td>(Fisheries)</td>
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<td>Paula Winchell</td>
<td>B.S., Marine Biology</td>
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<td>25</td>
<td>Marine biologist; GIS and database specialist</td>
</tr>
<tr>
<td>Julie Zimmerman</td>
<td>B.A., Environmental Studies;</td>
<td>Resource Author</td>
<td>5</td>
<td>Environmental scientist and planner</td>
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<td></td>
<td>B.A., English</td>
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**Consultants to the AECOM Team**

<table>
<thead>
<tr>
<th>Name</th>
<th>Degree and/or Certification</th>
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<th>Years Experience</th>
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<tbody>
<tr>
<td>Dawn Chang*</td>
<td>J.D.; M.S.W., Social Work;</td>
<td>Cultural Resource &amp; Community Outreach Coordinator</td>
<td>25</td>
<td>Cultural resource management and historic preservation; administrative law, native Hawaiian rights, water rights and environmental law</td>
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<td></td>
<td>B.S., Sociology</td>
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<tr>
<td>Hallett Hammatt**</td>
<td>Ph.D., Anthropology; M.A., Archaeology (Honors); B.A., History (Honors)</td>
<td>Archaeological Research</td>
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<tr>
<td>Jordan Inafuku*</td>
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<td>Cultural Research</td>
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<td>Cultural and historical research</td>
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<tr>
<td>Tanya Lee-Greig**</td>
<td>M.A., Anthropology (emphasis on Archaeology); B.A., History (emphasis on Archaeological Research)</td>
<td>17</td>
<td>Archaeological, cultural and historical research</td>
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<tr>
<td>Constance O'Hare**</td>
<td>B.A., Anthropology (emphasis on Archaeology)</td>
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<td>Archaeological, cultural and historical research</td>
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<td>Don Schug***</td>
<td>Ph.D., Geography</td>
<td>Commercial, recreational, and subsistence fisheries impact analysis</td>
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<td>Socioeconomic impact assessment; fisheries</td>
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<td>David Shideler**</td>
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<td>Archaeological, cultural and historical research</td>
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<td>Todd Tulchin**</td>
<td>P.B.C., Geographic Information Systems; B.S., Marine Biology (minor in Environmental Science)</td>
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<td>10</td>
<td>Archaeological, cultural and historical research</td>
</tr>
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</table>

* Ku‘iwalu Consulting  
** Cultural Surveys Hawai‘i, Inc.  
*** Northern Economics, Inc.

- A.A. Associate of Arts  
- AICP American Institute of Certified Planners  
- B.A. Bachelor of Arts  
- B.S. Bachelor of Science  
- CERCLA Comprehensive Environmental Response, Compensation, and Liability Act  
- EMF electromagnetic fields  
- GIS geographic information system  
- GIS Professional  
- HDOH Hawai‘i Department of Health  
- J.D. Juris Doctorate  
- LEED AP Leadership in Energy and Environmental Design, Accredited Professional  
- M.A. Master of Arts  
- M.L.A. Master in Landscape Architecture  
- M.P.H. Master of Public Health  
- M.S. Master of Science  
- M.S.W. Master of Social Work  
- MUP Master in Urban Planning  
- P.B.C. Post-Baccalaureate Certificate  
- P.E. Professional Engineer  
- Ph.D. Doctor of Philosophy  
- RCRA Resource Conservation and Recovery Act  
- SOEST University of Hawai‘i, School of Ocean and Earth Science and Technology  
- UXO Unexploded Ordnance  
- WRE Water Resources Engineering
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CHAPTER 5.0
LIST OF REFERENCES

1.0 INTRODUCTION


2.0 CABLE SYSTEM IMPLEMENTATION – ACTIVITY DEFINITION


3.0 AFFECTED ENVIRONMENT/POTENTIAL IMPACTS/CONSERVATION AND CONSTRUCTION MEASURES

3.1 Air Quality and Climate Change


3.2 Cultural Resources

Barrell, R., L. Gill, B. Henry, and M. Kelly. *Malama ‘Āina o Mōkapu (Protecting Mōkapu Lands).*


Maly, K., and O. Maly. 2001. *He Wahi Mo'olelo No Nā 'Āina, A Me Nā Ala Hele I Hehi 'Ia, Mai Keauhou A I Kealakekua, Ma Kona, Hawai‘i.* Prepared for Nā Ala Hele Program Manager (Hawai‘i Island) State Division of Forestry and Wildlife.


3.3 Geology and Soils


Stearns, H. T., and Macdonald, Gordan A. 1947. Geology and Ground Water Resources of the Island of Moloka‘i, Hawai‘i. Division of Hydrography and USGS.


3.4 Land Transportation


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### 3.5 Land Use


County of Maui. 1996. West Maui Land Use, Map 1 of 2.

County of Maui. 1998. Lānaʻi Land Use.


### 3.6 Marine Transportation


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3.7 Marine Biological Resources


OSPAR. 2008. Background document on potential problems associated with power cables other than those for oil and gas activities. OSPAR Commission, Biodiversity Series. 50 pp.


3.8 Natural Hazards, Hazardous Materials, and Unexploded Ordnance


5.0 List of References


3.9 Noise and Vibration


### 3.10 Public Health and Safety


### 3.11 Public Services/Infrastructure

#### Public Services


R.M. Towill Corporation. 2007. Public Facilities Assessment Update, Section 6: Police; Section 7: Fire Control; Section 8: Hospitals. County of Maui Planning Department.


**Infrastructure**


County of Maui Infrastructure Assessment Update (COMIAU). 2003 County of Maui Department of Planning.


3.12 Recreation


### 3.13 Socioeconomics and Environmental Justice


Smith, Katherine Kama'ema'e. 2007. Hāwea Point, Sacred to Hewahewa. Within the Sound of Kapalua Bay.


Western Pacific Regional Fishery Management Council (WPRFMC). 2005. Fishery Ecosystem Plan for Pacific Pelagic Fisheries of the Western Pacific Region. Honolulu, HI.


3.14 Terrestrial/Coastal Biological Resources


Division of Forestry and Wildlife (DOFAW). No date. Threatened and Endangered Species. Pg 1-14.


Smith, S. H., K.J.P. Deslarzes, R. Brock. 2006. Characterization of Fish and Benthic Communities of Pearl Harbor and Pearl Harbor Entrance Channel Hawai‘i. December 2006. Contract Number: N62470-02-D-997; Task Order Number: 0069. (Funded by: Department of


3.15 Visual Resources


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City and County of Honolulu, Department of Planning and Permitting. 2002. The General Plan, City and County of Honolulu. Honolulu.

City and County of Honolulu, Department of Planning and Permitting. 2004. Primary Urban Center Development Plan. Honolulu.


Nishimura, Kristen. 2007a. Picture of MCBH at Kāne‘ohe Bay as seen from Lanikai Beach.

Nishimura, Kristen. 2007b. Picture of Metropolitan Honolulu as seen from Ewa Beach.

Nishimura, Kristen. 2008. Picture of Papohaku Beach on Moloka‘i as seen from a promontory.


3.16 Water Resources


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