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5.0 LIST OF PREPARERS AND REVIEWERS

5.1 PREPARERS

Golder Associates Inc.

Kathy Baumgaertner, Project Manager

Ms. Kathy Baumgaertner is a National Environmental Policy Act (NEPA) specialist with more than 25 years of experience in environmental planning and in managing and documenting the NEPA process. During her career Ms. Baumgaertner has managed the conduct of numerous NEPA compliance projects, and the preparation of more than 150 Environmental Assessments (EAs) and 10 Environmental Impact Statements (EISs). She also teaches NEPA and National Historic Preservation Act compliance courses for various federal and state agencies.

Warren Pandorf, P.E., Water Resources Task Manager

Mr. Warren Pandorf P.E. has a B.S. in Civil Engineering and has 25 years of experience in conducting water resources assessments. He has managed numerous water quantity and quality baseline and impact assessments, including consumptive use, as well as NPDES and dredge and fill permitting. Mr. Pandorf has expertise in collecting monitoring data for determining the hydrodynamics of stream networks, development of nonpoint wasteload projections for lakes, streams, and estuaries, and assessment of impacts from projected land use on peak flows and water quality.

Karl Bullock, Biological Resources Task Manager

Mr. Karl Bullock is a scientist with more than five years of experience. He has an M.S. in Environmental Engineering Sciences and a B.S. in Natural Resource Conservation. He is experienced at conducting ecological habitat evaluations, wetland delineations, vegetative monitoring, functional assessments, wetland mitigation, threatened and endangered species surveys, benthic macroinvertebrate surveys, and providing environmental resource permitting support. In the course of performing these duties he has worked throughout the State of Florida in a variety of habitats.

Hamid Bojd, Ph.D, P.E., Engineer

Dr. Hamid Bojd, P.E. is a water resources engineer with 20 years of experience. He has a wide range of experience in civil and environmental engineering including technical and project management for projects in surface water and groundwater studies, reservoir and dam analyses, surface water quality, water and sediment quality studies, risk assessment, soil and groundwater contamination assessment, stormwater master plan designs, water resources evaluation, NPDES permitting, and environmental compliance under CWA, RCRA, CERCLA, and CAA.

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Scott McCann, P.E., Air Quality Task Manager

Mr. Scott McCann P.E. is a Project Manager for Golder Associates and a registered Professional Engineer in Florida, North Carolina, and South Carolina. He holds a B.S. in Environmental Engineering, and has more than 17 years of experience in providing air quality services. He has completed more than 150 projects in the southeastern US involving all phases of new source permitting including regulatory interpretation, compliance assessment, management system evaluation, emissions inventory development, control technology review, agency negotiation, air dispersion modeling, ambient air monitoring, and emission source testing. Mr. McCann has specific experience with the following industries: mining, power, pulp and paper, forest products, textile, primary and secondary metal production, paint and solvent, pharmaceutical, chemical, and automobile.

Richard Zwolak, Socioeconomics Task Manager

Mr. Richard A. Zwolak, A.I.C.P., has more than 18 years of environmental planning experience and has participated in environmental assessments, mitigation planning, and environmental management planning in 30 of the 50 US states and in 7 countries. Mr. Zwolak holds both a B.A. and M.S. in Geography. Much of his studies experience includes socioeconomic assessments, which have analyzed demographics, housing, community infrastructure, facilities and services, and economic variables. He is also an American Planning Association certified planner and is a member of the APA Environment, Natural Resources and Energy Division. Mr. Zwolak has presented expert testimony on land use compatibility issues at administrative hearings and has developed several land use plans/regulatory programs for local, regional, and state government bodies.

Steve Marks, Air Quality and Climate

Mr. Steve Marks holds an M.S. in Dynamic Meteorology and nearly 30 years of experience. He is responsible for performing permit-related air modeling evaluations, air toxic modeling assessments, meteorological evaluations, and data processing. Involved with the continuous development of air modeling capabilities, air modeling training and support, quality assurance, and business development.

David A. Bare, Air and Noise Specialist

Mr. David Bare is a scientist/senior project manager with more than 20 years of experience in managing various air quality and noise projects. Mr. Bare has experience in conducting environmental assessments for power facilities. This work is both for independent power producers as well as multi-lateral agencies such as the World Bank. In this capacity he has provided expert witness testimony for noise analysis and impact assessments for several power plant environmental licensing projects.

Jeff Whitter, E.I.T., Staff Engineer, CADD/GIS

Mr. Jeff Whitter is a Staff Engineer with a B.S. in Civil Engineering and two years of experience. He has consulting experience in the closure of solid waste landfills and in the completion of major hydrological studies. Jeff has conducted ESA Phase I reports and supervised landfill closure programs. Since joining Golder, Jeff has been involved in water resources studies, storm water management, drainage and hydraulics and water & wastewater utilities. He is currently involved with the analyses on the surface water hydrology and surface water quality in an Environmental Impact Statement. His primary areas of interest include groundwater investigations and surficial contaminant transport. He is a registered E.I.T. with the Association of Professional Engineers and Geoscientist of New Brunswick, Canada.

Betty Robinson, Socioeconomics Researcher

Ms. Betty Robinson has more than 20 years experience in conducting social, economic, and planning research for a variety of projects and clients. She holds a B.A. in Communications, and has researched and authored project reports on a variety of subjects including environmental justice; overweight, over-dimensional permit applications; FAA Construction Notices; and SCA jurisdictional characteristics for the construction of power plants. Ms. Robinson also conducts land use assessments as part of Feasibility Studies for a variety of project types.

5.2 REVIEWERS

Gary Collison, P.E., Golder Associates, Engineering Review

Mr. Gary Collison, P.E., is a Principal and has more than 35 years of experience in providing management and technical direction for a various projects. He holds a B.S.C.E. and M.C.E. in Civil Engineering, an M.A.S. in Administrative Science, and is a registered professional engineer in GA, FL, LA, MD, OH, WI, and TN. His project experience has included mining, waste management, landfills, hazardous waste cleanup, transportation and tunneling, and forensic soil, rock, surface water, and groundwater investigations. Mr. Collison has provided project management and technical direction for tailings management and waste rock disposal for base metal and mineral mines in the US and overseas. Also responsible for heavy industrial facility foundation investigations; design of earth dams; and investigation and design of highway and rapid transit tunnels, embankments, cut slopes, deep supported excavations, and retaining structures.

James Renner, P.G., Golder Associates, Geology and Wetlands Review

Mr. Jim Renner P.G. is a technical and regulatory specialist with more than 15 years experience in planning and performing environmental assessments for land and water resource development projects, including mines, solid waste landfills, water supply reservoirs, and industrial facilities throughout the U.S. He holds a B.S. and M.S. in

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Geology and is a registered professional geologist in Georgia, Tennessee, South Carolina, and California. His environmental assessment work is focused on wetland delineation and functional assessment, wetland restoration planning and monitoring, Section 404 permit preparation, and endangered species surveys. Mr. Renner is certified by the Society of Wetland Scientists as a Professional Wetland Scientist and by the U.S. Army Corps of Engineers as a Wetland Delineator. Mr. Renner has successfully obtained Section 404 permits in eight Corps districts. Mr. Renner is also an experienced field geologist and has performed Phase 1 Environmental Site Assessments and hazardous waste investigations.

Isabel Johnson, Golder Associates, Ecology Review

Ms. Isabel Johnson is a biologist with over 23 years of experience. She has a B.S. in Zoology and an M.S. in Marine Biology. Ms. Johnson holds a Courtesy Scientist appointment at the University of Florida's College of Veterinary Medicine, Center for Environmental and Human Toxicology. Her experience includes hundreds of projects ranging from evaluation of toxicological methods to contaminant impact assessments on estuaries and rivers. Her expertise includes marine and freshwater ecology, biological assessments, ecological risk assessments, environmental impact assessments, thermal assessments, environmental toxicology, mixing zone evaluations, chemical characterization of wastewaters, permitting, impingement/entrainment studies, endocrine disruption studies, development and implementation of biomonitoring programs, development of research programs, biological surveys, baseline studies, evaluations of effluent toxicity and design of fractionation studies, and preparation of workshops in environmental toxicology.

Mina Nair, Golder Associates, Socioeconomics and Editorial Review

Ms. Mina Nair has six years of experience in environmental planning, NEPA compliance, socioeconomics, and remedial investigations with work for federal, state, and local government agencies as well as the private sector. Ms. Nair holds a B.B.A. in Marketing and Management, and an M.S.P.P. in Environmental Policy. She has managed EAs, environmental due diligence audits (EDDAs), EPA hazardous materials investigations (pre-remedial and remedial), high profile public involvement remedial projects. Ms. Nair also provides technical expertise in socioeconomic-related resource issues such as noise and aesthetics, air quality, community services, land use and zoning, infrastructure, local and regional economics, demographics, and environmental justice. She also performs environmental site assessments and implements public involvement programs. Currently, Ms. Nair is responsible for pursuing and conducting NEPA projects and performing environmental planning activities on projects related to water, power, mining, and transportation sectors.

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Ted Smith, P.E., Chief Mining Engineer, IMC Phosphates, Inc.

Mr. Smith has over 27 years experience in the phosphate industry, involved in mine operation, design, planning and permitting, with including 20 years of new mine permitting. Mr. Smith holds a Professional Engineering Degree, and is a Florida Registered Professional Engineer. He has directed over 7 major Development of Regional Impact studies for new mine properties, and the accompanying Master Mine Plan permitting through the various counties. Mr. Smith is the primary engineer of record for the Ona project.

Gary Uebelhoer, Principal Engineer, Environmental Consulting & Technology, Inc.

Mr. Uebelhoer has 26 years experience in global multi-disciplinary environmental compliance, permit application preparation, and impact assessment studies, including the preparation of several site-specific environmental impact statements. He has been responsible for assessing the potential environmental impacts of, and developing avoidance, minimization and mitigation measures for, a variety of surface mining projects, including copper, nickel, molybdenum, limestone, gold, coal, and phosphate deposits; as well as hazardous waste incinerators; breweries, printing, defense, and automotive and electrical equipment manufacturing plants; and electrical generating facilities. In addition to IMC's Ona Tract, Mr. Uebelhoer has since 1980 been assigned to teams responsible for preparing Development of Regional Impact analyses for seven proposed phosphate mining projects. Mr. Uebelhoer holds a bachelor's degree in environmental engineering and a master's degree in business administrative.

This EIS was also reviewed by:

Ron Silver, Chief, West Permits Branch, Regulatory Division, USACE Jacksonville District

Charles Schnepel, Team Leader, West Permits Branch, Regulatory Division USACE Jacksonville District