

Christopher M. Ponessi, P.E

Exhibit MHG-CP-1

Mance Engineering Partners, P.C.

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Education: June 2000 – BS of Applied Science and Technology - Civil Engineering
Rochester Institute of Technology, Rochester, NY

College

Internships: Estimator and Project Manager for Allied Builders, Inc.
Brockport, New York – 3 months

Transportation Construction Inspector for NYSDOT Region 8, Poughkeepsie,
New York – 11 months

Professional Experience:

10/00 to 1/02 - Gorrill-Palmer Consulting Engineers, Inc.
Gray, Maine

1/02 to 2/04 - Spectra Engineering, Architecture & Surveying, P.C.
Latham, New York

2/04 to 9/05 - The Chazen Companies, ENR Top 500
Troy, New York

9/05 to 9/06 - William E. Dailey Precast, LLC (Peckham Industries)
Shaftsbury, Vermont

9/06 to 6/14– Speath Engineering, LLC
Manchester, Vermont

4/06 to 2016 – CMP Drafting and Consulting, Inc. (Owner)
Shaftsbury, Vermont (Rolled into MEPPC)

1/14 to Present – Mance Engineering Partners, P.C. (Partner)
Manchester Center and Bennington, Vermont

Professional Licenses:

Engineer Intern (EI) or (EIT), Vermont, June 2000

Professional Engineer (PE), Pennsylvania, July 2006

Professional Engineer (PE), Vermont, October 2006

Vermont Soils Designer License (I-3), Vermont, April 2007

Professional Certificates:

National Association of Wastewater Technicians - NAWT
Certified Inspector

Presby Environmental Treatment System
Certified Designer and Installer

Professional Memberships:

Institute of Transportation Engineers (ITE)

Association for Bridge Construction and Design, Inc. (ABCD)

Precast Concrete Institute (PCI)

Boards and Committees:

Town of Shaftsbury Development Review Board Member 2009-Present

Bennington Area Habitat for Humanity Board Member 2011-Present

Software Skills: Microsoft Office, Lotus, Adobe Acrobat, AutoCAD, HydroCAD, StormCAD, Synchro, SimTraffic, Corsim, HCS 2000 and HCS+, Flow Master, and Terrain Navigator.

Specialties: Land development, storm water management, environmental permitting and traffic analysis.

Quarry & Gravel Pit Experience:

Lead Engineer and Permitting specialist for Fuller Sand and Gravel, Danby, VT. Including Act 250 permits for property expansion, conversion of grandfathered gravel pit to rock quarry w/ blasting. Included are also storm water permits including Multi-Sector 3-9003 and Construction 3-9020.

Permitting specialist for all storm water permitting, site plan expansions, and asphalt plant expansions at William E. Dailey (Peckham Industries) Shaftsbury gravel & stone processing yard, concrete plant and asphalt plant.

Permitting specialist for remainder of William E. Dailey Gravel Pits in Vermont, including but not limited to Wilmington, Wilcox Pit-Arlington, Waites Pit-Shaftsbury, Greenes Pit-Shaftsbury, Manchester, and Tunic Pit-Shaftsbury, including all Multi-Sector General Permits 3-9003.

Gray Rock Quarry – Milton. Permitting Specialist and project engineer for opening of 60 year old abandoned quarry which is adjacent to, and developed to build Interstate I-89 in Milton. Completed all permitting including Town of Milton, Act 250, Multi-Sector 3-9003, Construction Permit 3-9020, Operation Storm Water 3-9015, Air Permitting. Including all amendments for Asphalt Plant and Concrete Plant expansion.

Design Engineer and Permit specialist for James Sheldon Excavating, Pawlet on the lands of Torin Brothers Slate Mine. This included all gravel processing, washing, concrete plant facilities for Storm Water Permitting, Act 250 and Town Permitting.

Transportation / Bridge Experience:

Design Engineer for two FEMA roadway embankment protection projects on Huntersland Road, Town of Middleburgh, Schoharie County, New York.

Construction Inspector and Design Engineer for the rehabilitation of County Road 49 Bridge over Kayaderosseras Creek, Town of Milton Saratoga County, New York.

Design Engineer and Construction Inspector for the replacement of Roberts Lane Bridge over Dwaas Kill, Town of Clifton Park, Saratoga County, New York.

Design Engineer for the replacement of Johnson Hollow Road Bridge over Vly Creek, Town of Halcott, Greene County, New York.

Design Engineer and Construction Inspector for Albany County Airport West Apron Expansion, Town of Colonie, Albany County, New York.

Design Engineer for a traffic impact study, highway improvement design and construction inspection for the construction of a major commercial site, which included a small strip mall, a Shaw's Supermarket as well as a Home Depot Superstore located on US Route 1 in North Hampton, New Hampshire.

Traffic Experience:

Design Engineer for the traffic impact study completed for Bon Acre Hamlet, a neo-traditional village comprised of residential and commercial properties in the Town of Sand Lake, Rensselaer County, New York.

Design Engineer for the traffic impact study and drainage study completed for Meadowbrook Section 3, a 48-lot subdivision located in the Town of Bethlehem, Albany County, New York.

Design Engineer for the traffic impact study revision completed for Ballard Road Developments tile production facility located in the Town of Wilton, Saratoga County, New York.

Design Engineer for the revised traffic impact study completed for the Lancaster Development Corporations Troy Sand and Gravel Mine Site in the Town of Sand Lake, Rensselaer County, New York.

Design Engineer for the traffic impact study and highway improvements for the construction of a large commercial/industrial plaza which included a Wal-Mart Superstore, Home Depot Superstore, three small satellite stores, a satellite restaurant as well as 210,000 square feet of industrial/office space located on State Route 125 in the Town of Epping, New Hampshire.

Project Manager and Design Engineer for the traffic impact studies and traffic permitting for four Wendy's Restaurants in the Towns of Skowhegan, Norway, Scarborough and Newport, Maine.

Design Engineer for the traffic impact study completed for a Home Depot Superstore, Town of Rockland, Maine.

Design Engineer for the traffic impact study and permitting of a new United States Postal Service Distribution Center for Southern Maine, located in the Town of Scarborough, Maine.

Design Engineer for the traffic impact study completed for the New York State Power Authorities Frederick R. Clark Energy Center located in the Town of Marcy, Oneida County, New York.

Site Experience:

Design Engineer for the stormwater treatment facilities and layout design for the Polo Fields multi-family subdivision located in Dutchess County, New York.

Design Engineer for the stormwater treatment facilities for Avalon Hills, a multi-lot subdivision located in Dutchess County, NY

Construction inspector for the installation of storm and sanitary sewers at the Guilderland High school, Town of Guilderland, Albany County, New York.

Construction inspector for multiple NYSDOT projects including paving and road/ bridge rehabilitations, sign and mile marker placement as well as road rating and scoring.

Field personnel for the survey and layout of facilities that have included 8 bridges, 2 roadways and 12 railroad tracks and yards located throughout New York and New Jersey. NYS&W.

Design Engineer for the Storm Water Management for Hamlet on the Hudson, a 300 unit townhouse project with a golf course and club house, banquet facilities and daycare facilities. Cocksackie, NY.

Design Engineer and Project Manager for the site aspects of a 75 million dollar expansion to St. Peters Hospital located in Albany, New York.

Design Engineer and Project Manager for the KOA Kamp ground expansion of 50 mixed use sites at the existing campground located in Plattekill, New York.

Design Engineer and Project Manager for the Bear Town Hollow Residential Subdivision, 5 lot high end residential development located in Manchester, Vermont.

Design engineer for the town and subdivision roadway infrastructure, and storm water management for the Glen Rock Estates, an 8 lot residential subdivision located in Weston, Vermont.

Design engineer and project manager for the North View Estates, a 7 lot residential subdivision overlooking Okemo Mountain in Ludlow, Vermont.

Design engineer and project manager for the Dollar General Retail Store Projects, Pownal, Chester, Barre, Bennington, Arlington, Swanton, Bethel and Fairlee, VT.

Design engineer and project manager for the new Mark Skinner Library, Manchester, VT.

Design engineer and project manager for the redevelopment of the High Ridge Plaza in Manchester Center, Vermont, which will be 42,000 s.f. of new retail and the construction of a 97-Room Hampton Inn and Suites

Design engineer and project manager for the redevelopment of the Manchester Shopping Center in Manchester Center, Vermont, which will be 40,000 s.f. new grocery store and associated 24,000 s.f. of retail and commercial space.

The Hermitage, design and storm water permitting for Powderhorn, a expansion of six (6) new condominium buildings at the base of Haystack, within the private ski area and club.

Engineer, Designer, and Permit Specialist responsible for permitting of the Gray Rock Quarry, Milton Vermont. A new quarry permitted through Town and State including Blasting, Crushing, Concrete Plant and Asphalt plant.

Precast Concrete Garage:

Design Engineer and Project Manager for two precast, pre-stressed concrete parking garages.
Reservoir Woods, Waltham, Massachusetts
Capital Commons, Concord, New Hampshire

Contract Administration:

Design Engineer for the contract, construction and inspection administration for seven federal aided projects throughout New York State. This entails review and administration throughout the design and construction of projects that ranged from \$100,000 to \$2,500,000 in cost.

Solar Experience:

Completion of permitting, layout and construction drawings for Solar projects that range from 30 kw to 1.2 megawatts for MHG Solar, Power Guru, and Grassroots Solar, which some of these projects are listed below:

- Pig Pen Road 500kw Solar Array, Manchester VT.
- MHG Route 149 500kw Solar Array, Pawlet-Wells VT.
- MHG Shields Drive 500kw Solar Array, Bennington VT.
- Grassroots 30kw array on VT Route 30, Dorset VT.
- Power Guru 125kw Solar Array, Buck Hill Road, Shaftsbury VT
- MHG QSI 500kw Solar Array, Poultney VT
- MHG High Road 500kw Solar Array, Poultney VT
- MHG Blissville Road 500kw Solar Array, Poultney, VT
- MHG Warren Switch Road 500kw Solar Array, Pawlet, VT
- MHG Briar Hill Road 500kw Solar Array, Pawlet, VT