



Joseph J. Hunt, PLS, PE

Professional History

Prior to enrolling in college, Joe spent three years working for a general site contractor operating heavy equipment. During college, he enlisted in the Pennsylvania Army National Guard, was promoted to the rank of Staff Sergeant and was honorably discharged after 11 years of service and one overseas deployment. After completing college, his areas of focus were in civil engineering, water resources engineering and land surveying. The bulk of his design experience is in wastewater treatment plant design, stormwater management, hydrology, Erosion and Sediment Pollution Control BMP'S, utilities and infrastructure design, wastewater treatment plant design, pumping station design and rehabilitation.

Joe became Vice President and Manager of Land Development Services for Yerkes Associates, Inc, a 50-person consulting firm. He represented private, institutional, corporate and municipal clients. He presented numerous projects at municipal hearings and lead projects through the approval & design process. He expedited and secured various permits and approvals. His permit experience is in PennDOT highway occupancy permits, Act 537 sewage facilities planning approvals, water quality and water supply permits, earth disturbance permits, NPDES stormwater discharge permits, stream and wetland encroachment permits, and building permits.

Presently, he is the Owner and President of Joe Hunt & Associates, LLC, a 25-person engineering and land surveying firm that primarily serves the energy industry. The firm was established in November 2008 with two employees and currently is headquartered in New Milford, Pennsylvania, with field offices in Towanda and Equinunk, Pennsylvania.

Project Experience

Joe has 16 years' post-graduate experience.

Chesapeake Energy

Southwestern Energy

Laser Northeast Gathering, LLC

Western Land Services

Villanova University Law School – Radnor Township, Delaware County

Provided land planning and site design services for a new 4-level, 600 car parking garage and a 4-story 180,000 square foot law school building. Work performed included land survey, site layout, storm water management, NPDES permitting, site grading, zoning approval, land development approval, PennDOT

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2 ELIZABETH STREET
SUITE 1
TOWANDA, PA 18848

CORPORATE OFFICE
359 MAIN STREET
PO Box 777
NEW MILFORD, PA 18834

EQUINUNK FIELD OFFICE
4338 HANCOCK HIGHWAY
PO Box 66
EQUINUNK, PA 18417

approval and construction administration services. Coordinated and worked as part of a large design team and provided construction layout services.

Living Rock Bible Church – *Caernarvon Township, Berks County*

Provided all land planning and development services for a 12 acre site that was developed for a new church. Specific work included preparation of initial sketch plans, participation and support during the zoning approval phase, land surveying, bog turtle (endangered species) clearance and land development approval. Specific permits obtained included a General Permit-7 for a minor stream crossing, a Component-2 Sewage Facilities Planning Module for an onsite sewage system, an erosion control plan approval and an NPDES PAG-02 storm water discharge permit.

ACMEC of North America – *West Pikeland Township, Chester County*

Provided the land planning and development services for this 24 acre site, which is being developed for a Hindu Temple in two phases. The first phase consisted of designing a new driveway access from a state highway, obtaining a Highway Occupancy Permit, a General Permit-7 for a minor road crossing of a stream and also a NPDES and E&S permit. The second phase was for the temple construction and consisted of obtaining conditional use zoning approval, Component-2 Sewage Facilities approval, springhouse closure waiver, NPDES individual permit, Erosion Control permit and land development approval.

Blessed Teresa of Calcutta Parish – *Limerick Township, Montgomery County*

Provided initial land planning, surveys of the property and participated in a conditional use application and traffic planning phase with the Township. Supervised the performance of engineering services for a new Catholic Church and elementary school representing the consolidation of two local parishes.

Liberty Property Trust Quarry Ridge Complex – *East Whiteland Township, Chester County*

Supervised portions of the land planning and development activities on this 65 acre site that was developed into three parcels. Parcel C, containing a 120,000 square foot office building opened in 2003. Parcel B, which will contained a 128 room hotel, an 8,000 square foot restaurant and a bank. Parcel A consisted of 360,000 square foot office building and parking garage.

East Cedarbrook Plaza – *Cheltenham Township, Montgomery County*

Provided land development services for this 36 acre retail site for various redevelopment activities. Also developed two adjoining properties for retail uses, totaling 8 acres. Helped secure zoning variances, land development approvals, component 3 sewage planning approval, NPDES stormwater permits, E&S approvals, stream crossing permits and city of Philadelphia streets department approval.

Aqua PA Bryn Mawr Headquarters Expansion – *Lower Merion Township, Montgomery County*

Provided the Land Development Plan, Stormwater Management Plan and other engineering services to obtain township approval for their New World Headquarters expansion.

Mill Valley Pump Station – *East Goshen Township, Chester County*

Designed a new sewage pumping station. Sized the pumps, selected the size of the emergency generator and designed a small block building with a gable wood framed roof. Prepared drawings, bidding and contract documents.

Ridley Creek Wastewater Treatment Plant

Involved in the early preliminary engineering recommendations and addressing questions of the Sewer Authority. Plant had two existing packaged extended aeration tanks that were recommended be converted to sequencing batch reactors. The SBR process is very attractive because the plant capacity could be doubled using existing tanks. Performed process calculations and feasibility analysis of various plant upgrade options.

Conestoga Farms Low Pressure sewers – *Concord Township, Delaware County*

Designed a low-pressure sewer collection system to serve approximately 70 homes and 6 businesses. This was second low pressure sewer project. Prepared all engineering design calculations completed all permitting and prepared all the contract documents, specifications and drawings for the job.

King of Prussia Road Sewage Pump Station upgrade – *Radnor Township, Delaware County*

Acted as both the project manager and project engineer for the upgrade of this 1970's era dry-well/wet-well configured pumping station. Designed upgrades to the influent flow channels, designed a new bracket to house a solids comminutor, and designed a rehabbed by-pass flow channel. Designed a bypass pumping flow configuration and worked with the Contractor during construction to facilitate continued pumping during construction. Selected new pumps and identified that the existing wet well was too small and that frequent pump start and stops may cause a premature pump failure to excessive starts. In response, variable speed operation of the pumps was configured so the pumps would operate under such conditions. Sized and selected a new emergency generator for back-up power. Prepared all engineering design calculations completed all permitting and prepared all the contract documents, specifications and drawings for the job.

Reserve at Eagle Effluent Drip and Spray Irrigation system – *Toll Brothers, Upper Uwchlan Township, Chester County*

Acted as both the project engineer and the project manager. Designed a regional effluent distribution system from a regional treatment plant out to various effluent disposal sites. One of those disposal sites was the reserve at Eagle, a residential development. Designed a storage lagoon that received the effluent and a land application system comprised of drip irrigation tubing and irrigation nozzles. Modeled the hydraulics of the system and selected turbine pumps. Extensively involved in the selection system controls. Prepared all engineering design calculations completed all permitting and prepared all the contract documents, specifications and drawings for the job.

Waynebrook Drip Irrigation system – *Genterra, Upper Uwchlan Township, Chester County*

Acted as both the project engineer and the project manager. Designed a regional effluent distribution system from a regional treatment plant out to various effluent disposal sites. Designed a storage lagoon that received the effluent and a land application system comprised of drip irrigation tubing. Modeled the hydraulics of the system and selected turbine pumps. Extensively involved in the selection system controls. Prepared all engineering design calculations completed all permitting and prepared all the contract documents, specifications and drawings for the job.

Byers Station Spray Irrigation system – *Toll Brothers, Upper Uwchlan Township, Chester County*

Acted as both the project engineer and the project manager. Designed a regional effluent distribution system from a regional treatment plant out to various effluent disposal sites. Designed a storage lagoon that received the effluent and a land application system comprised of Spray irrigation nozzles. Modeled the hydraulics of the system and selected turbine pumps. Extensively involved in the selection system controls. Prepared all engineering design calculations completed all permitting and prepared all the contract documents, specifications and drawings for the job. Also designed a regional raw sewage pumping station as part of this project serving hundreds of new homes.

Ewing Tract – *Toll Brothers, Upper Uwchlan Township, Chester County*

Acted as both the project engineer and the project manager. Designed a regional effluent distribution system from a regional treatment plant out to various effluent disposal sites. Designed a storage lagoon that received the effluent and a land application system comprised of Spray irrigation nozzles. Modeled the hydraulics of the system and selected turbine pumps. Extensively involved in the selection system controls. Prepared all engineering design calculations completed all permitting and prepared all the contract documents, specifications and drawings for the job.

Registrations

- Registered Professional Engineer in Pennsylvania
- Registered Professional Land Surveyor in Pennsylvania
- Registered Professional Engineer in New York

Certifications

- Licensed Sewage Treatment Plant Operator in Pennsylvania
- Sewage Enforcement Officer in Pennsylvania
- Pennsylvania Department of Environmental Protection qualified Stormwater (NPDES) Consultant

Professional Affiliations

- Association of Christian Design Professionals, Member
- National Society of Professional Engineers, Member
- Pennsylvania Society of Land Surveyors, Member

Education

- Associate Degree, Land Surveying Technology, Penn State
- Bachelor of Science, Environmental Engineering, Penn State

Continuing Education

- PA Department of Environmental Protection course on DEP Stormwater Best Management Practices Manual - 16 1/2 hours.
- PA Rural Water Association “Pumps and Motors Operation & Maintenance - 10 hours
- Penn state biological nutrient removal: nitrification, de-nitrification, and biological phosphorus nutrient removal.
- PA Society of Professional Engineers, Integrated Constructability Evaluations and the VEACTT Program, 1 1/2 hours.
- PA Society of Professional Engineers, Katrina-Failure of the New Orleans Hurricane Protection System, 1 1/2 hours.
- National Onsite Wastewater Recycling Association, Inc, “Drip Distribution for Wastewater Recycling” – 12 hours.
- Pennsylvania Engineers in Private Practice, “Stormwater Management” – 6 hours
- Penn State (PHRC), “Stormwater Management in Pennsylvania: A New Approach” – 6 hours.