

**SUBMISSIONS CHECKLIST**

If a provision is not applicable, put "NA"

**Section 1. Development description**

- \_\_\_\_\_ A. Narrative
  - \_\_\_\_\_ 1. Objectives and details
  - \_\_\_\_\_ 2. Existing facilities (with dates of construction)
- \_\_\_\_\_ B. Topographic map
  - \_\_\_\_\_ 1. Location of development boundaries
  - \_\_\_\_\_ 2. Quadrangle name
- \_\_\_\_\_ C. Construction plan
  - \_\_\_\_\_ 1. Outline of construction sequence (major aspects)
  - \_\_\_\_\_ 2. Dates
- \_\_\_\_\_ D. Drawings
  - \_\_\_\_\_ 1. Development facilities
    - \_\_\_\_\_ a. Location, function and ground area
    - \_\_\_\_\_ b. Length/cross-sections for roads
  - \_\_\_\_\_ 2. Site work (nature and extent)
  - \_\_\_\_\_ 3. Existing facilities (location, function ground area and floor area)
  - \_\_\_\_\_ 4. Topography
    - \_\_\_\_\_ a. Pre- and post-development (contours 2 ft or less)
    - \_\_\_\_\_ b. Previous construction, facilities and lot lines

\_\_\_\_\_ **Section 2. Title, right or interest** (copy of document)

**Section 3. Financial capacity**

- \_\_\_\_\_ A. Estimated costs
- \_\_\_\_\_ B. Financing
  - \_\_\_\_\_ 1. Letter of commitment to fund
  - \_\_\_\_\_ 2. Self-financing
    - \_\_\_\_\_ a. Annual report
    - \_\_\_\_\_ b. Bank statement
  - \_\_\_\_\_ 3. Other
    - \_\_\_\_\_ a. Cash equity commitment
    - \_\_\_\_\_ b. Financial plan
    - \_\_\_\_\_ c. Letter
  - \_\_\_\_\_ 4. Affordable housing information

**Section 4. Technical ability** (description)

- \_\_\_\_\_ A. Prior experience (statement)
- \_\_\_\_\_ B. Personnel (documents)

**Section 5. Noise**

- \_\_\_\_\_ A. Developments producing a minor noise impact (statement)
  - \_\_\_\_\_ 1. Residential developments
  - \_\_\_\_\_ 2. Certain non-residential subdivisions
  - \_\_\_\_\_ 3. Schools and hospitals
  - \_\_\_\_\_ 4. Other developments
    - \_\_\_\_\_ a. Type, source and location of noise
    - \_\_\_\_\_ b. Uses, zoning and plans
    - \_\_\_\_\_ c. Protected locations
    - \_\_\_\_\_ d. Minor nature of impact

- \_\_\_\_\_ e. Demonstration
- \_\_\_\_\_ B. Developments producing a major noise impact (full noise study)
- \_\_\_\_\_ 1. Baseline
- \_\_\_\_\_ a. Uses, zoning and plans
- \_\_\_\_\_ b. Protected locations
- \_\_\_\_\_ c. Quiet area
- \_\_\_\_\_ 2. Noise generated by the development
- \_\_\_\_\_ a. Type, source and location of noise
- \_\_\_\_\_ b. Sound levels
- \_\_\_\_\_ c. Control measures
- \_\_\_\_\_ d. Comparison with regulatory limits
- \_\_\_\_\_ e. Comparison with local limits

\_\_\_\_\_ **Section 6. Visual quality and scenic character**(narrative, description, visual impact analysis)

\_\_\_\_\_ **Section 7. Wildlife and fisheries** (narrative)

\_\_\_\_\_ **Section 8. Historic sites** (narrative)

\_\_\_\_\_ **Section 9. Unusual natural areas** (narrative)

**Section 10. Buffers**

- \_\_\_\_\_ A. Site plan and narrative

**Section 11. Soils**

- \_\_\_\_\_ A. Soil survey map and report
- \_\_\_\_\_ 1. Soil investigation narrative
- \_\_\_\_\_ 2. Soil survey map
- \_\_\_\_\_ B. Soil survey intensity level by development type
- \_\_\_\_\_ 1. Class A (High Intensity) Soil Survey
- \_\_\_\_\_ 2. Class B (High Intensity) Soil Survey
- \_\_\_\_\_ 3. Class C (Medium High-Intensity) Soil Survey
- \_\_\_\_\_ 4. Class D (Medium Intensity) Soil Survey
- x \_\_\_\_\_ C. Geotechnical Investigation
- \_\_\_\_\_ D. Hydric soils mapping

**Section 12. Stormwater management**

- x \_\_\_\_\_ A. Narrative
- \_\_\_\_\_ 1. Development location
- \_\_\_\_\_ 2. Surface water on or abutting the site
- \_\_\_\_\_ 3. Downstream ponds and lakes
- \_\_\_\_\_ 4. General topography
- \_\_\_\_\_ 5. Flooding
- \_\_\_\_\_ 6. Alterations to natural drainage ways
- \_\_\_\_\_ 7. Alterations to land cover
- \_\_\_\_\_ 8. Modeling assumptions
- x \_\_\_\_\_ 9. Basic standard
- \_\_\_\_\_ 10. Flooding standard
- \_\_\_\_\_ 11. General standard
- \_\_\_\_\_ 12. Parcel size
- x \_\_\_\_\_ 13. Developed area
- x \_\_\_\_\_ 14. Disturbed area
- x \_\_\_\_\_ 15. Impervious area
- x \_\_\_\_\_ B. Maps
- \_\_\_\_\_ 1. U.S.G.S. map with site boundaries
- \_\_\_\_\_ 2. S.C.S. soils map with site boundaries
- \_\_\_\_\_ C. Drainage Plans (a pre-development plan and a post-development plan)

- \_\_\_\_\_ 1. Contours
- \_\_\_\_\_ 2. Plan elements
- \_\_\_\_\_ 3. Land cover types and boundaries
- \_\_\_\_\_ 4. Soil group boundaries
- \_\_\_\_\_ 5. Stormwater quantity subwatershed boundaries
- \_\_\_\_\_ 6. Stormwater quality subwatershed boundaries
- \_\_\_\_\_ 7. Watershed analysis points
- \_\_\_\_\_ 8. Hydrologic flow lines (w/flow types and flow lengths labeled)
- \_\_\_\_\_ 9. Runoff storage areas
- \_\_\_\_\_ 10. Roads and drives
- \_\_\_\_\_ 11. Buildings, parking lots, and other facilities
- \_\_\_\_\_ 12. Drainage system layout for storm drains, catch basins, and culverts
- \_\_\_\_\_ 13. Natural and man-made open drainage channels
- \_\_\_\_\_ 14. Wetlands
- \_\_\_\_\_ 15. Flooded areas
- \_\_\_\_\_ 16. Benchmark
- \_\_\_\_\_ 17. Stormwater detention, retention, and infiltration facilities
- \_\_\_\_\_ 18. Stormwater treatment facilities
- \_\_\_\_\_ 19. Drainage easements
- \_\_\_\_\_ 20. Identify reaches, ponds, and subwatersheds matching stormwater model
- \_\_\_\_\_ 21. Buffers
- \_\_\_\_\_ D. Runoff analysis (pre-development and post development)
  - \_\_\_\_\_ 1. Curve number computations
  - \_\_\_\_\_ 2. Time of concentration calculations
  - \_\_\_\_\_ 3. Travel time calculations
  - \_\_\_\_\_ 4. Peak discharge calculations
  - \_\_\_\_\_ 5. Reservoir routing calculations
- \_\_\_\_\_ E. Flooding Standard
  - \_\_\_\_\_ 1. Variance submissions (if applicable)
    - \_\_\_\_\_ a. Submissions for discharge to the ocean, great pond, or major river
      - \_\_\_\_\_ i. Map
      - \_\_\_\_\_ ii. Drainage plan
      - \_\_\_\_\_ iii. Drainage system design
      - \_\_\_\_\_ iv. Outfall design
      - \_\_\_\_\_ v. Easements
    - \_\_\_\_\_ b. Insignificant increase
      - \_\_\_\_\_ i. Downstream impacts
    - \_\_\_\_\_ c. Submissions for discharge to a public stormwater system
      - \_\_\_\_\_ i. Letter of permission
      - \_\_\_\_\_ ii. Proof of capacity
      - \_\_\_\_\_ ii. Outfall analysis and design (pictures)
  - \_\_\_\_\_ 2. Sizing of storm drains and culverts
  - \_\_\_\_\_ 3. Stormwater ponds and basins
    - \_\_\_\_\_ a. Impoundment sizing calculations
    - \_\_\_\_\_ b. Inlet calculations
    - \_\_\_\_\_ c. Outlet calculations
    - \_\_\_\_\_ d. Emergency spillway calculations
    - \_\_\_\_\_ e. Subsurface investigation report
    - \_\_\_\_\_ f. Embankment specifications
    - \_\_\_\_\_ g. Embankment seepage controls
    - \_\_\_\_\_ h. Outlet seepage controls
    - \_\_\_\_\_ i. Detail sheet
    - \_\_\_\_\_ j. Basin cross sections
    - \_\_\_\_\_ k. Basin plan sheet
  - \_\_\_\_\_ 4. Infiltration systems
    - \_\_\_\_\_ a. Well locations map
    - \_\_\_\_\_ b. Sand and gravel aquifer map
    - \_\_\_\_\_ c. Subsurface investigation report with test pit or boring logs

- \_\_\_\_\_ d. Permeability analysis
- \_\_\_\_\_ e. Infiltration structure design
- \_\_\_\_\_ f. Pollutant generation and transport analysis
- \_\_\_\_\_ g. Monitorings and operations plan
  - \_\_\_\_\_ i. Locations of storage points of potential contaminants
  - \_\_\_\_\_ ii. Locations of observation wells and infiltration monitoring plan
  - \_\_\_\_\_ iii. Groundwater quality monitoring plan
- \_\_\_\_\_ 5. Drainage easement declarations.
- \_\_\_\_\_ F. Stormwater quality treatment plan peak discharge calculations
  - \_\_\_\_\_ 1. Basic stabilization plan
    - \_\_\_\_\_ a. Ditches, swales, and other open channel stabilization
    - \_\_\_\_\_ b. Culvert and storm-drain outfall stabilization
    - \_\_\_\_\_ c. Earthen slope and embankment stabilization
    - \_\_\_\_\_ d. Disturbed area stabilization
    - \_\_\_\_\_ e. Gravel roads and drives stabilization
  - \_\_\_\_\_ 2. General Standard
    - \_\_\_\_\_ a. Calculations for sizing BMP
    - \_\_\_\_\_ b. Impervious area calculation
    - \_\_\_\_\_ c. Developed area calculation
    - \_\_\_\_\_ d. Summary spreadsheet of calculations
  - \_\_\_\_\_ 3. Phosphorus control plan
    - \_\_\_\_\_ a. Calculations for the site's allowable phosphorus export
    - \_\_\_\_\_ b. Calculations for determining the developed site's phosphorus export
    - \_\_\_\_\_ c. Calculations for determining any phosphorus compensation fees
  - \_\_\_\_\_ 4. Offset Credits
    - \_\_\_\_\_ a. Urban impaired stream
      - \_\_\_\_\_ Offset credit calculation
    - \_\_\_\_\_ b. Phosphorus credit determination
      - \_\_\_\_\_ i. Location map
      - \_\_\_\_\_ ii. Scaled plan
      - \_\_\_\_\_ iii. Title and right
      - \_\_\_\_\_ iv. Demolition plan
      - \_\_\_\_\_ v. Vegetation plan
      - \_\_\_\_\_ vi. Offset credit calculation
      - \_\_\_\_\_ vii. Calculation for the new allowable export
  - \_\_\_\_\_ 5. Runoff treatment measures
    - \_\_\_\_\_ a. structural measures
      - \_\_\_\_\_ i. Design drawings and specifications
      - \_\_\_\_\_ ii. Design calculations
      - \_\_\_\_\_ iii. Maintenance plan
      - \_\_\_\_\_ iv. TSS removal or phosphorus treatment factor determinations
      - \_\_\_\_\_ v. Stabilization plan
    - \_\_\_\_\_ b. Vegetated buffers
      - \_\_\_\_\_ i. Soil survey
      - \_\_\_\_\_ ii. Buffer plan
      - \_\_\_\_\_ iii. Turnout and level spreader designs
      - \_\_\_\_\_ iv. Deed restrictions
  - \_\_\_\_\_ 6. Control plan for thermal impacts to coldwater fisheries
  - \_\_\_\_\_ 7. Control plan for other pollutants
  - \_\_\_\_\_ 8. Engineering inspection of stormwater management facilities
- \_\_\_\_\_ G. Maintenance of common facilities or property
  - \_\_\_\_\_ 1. Components of the maintenance plan
    - \_\_\_\_\_ A. Maintenance of facilities by owner or operator
      - \_\_\_\_\_ 1. Site owner or operator (name legally responsible party)
      - \_\_\_\_\_ 2. Contact person responsible for maintenance
      - \_\_\_\_\_ 3. Transfer mechanism

- \_\_\_\_\_ 4. List of facilities to be maintained
- \_\_\_\_\_ 5. List of inspection and maintenance tasks for each facility
- \_\_\_\_\_ 6. Identifications of any deed covenants, easements, or restrictions
- \_\_\_\_\_ 7. Sample maintenance log
- \_\_\_\_\_ 8. Copies of any third-party maintenance contracts
- \_\_\_\_\_ B. Maintenance of facilities by homeowner's association
- \_\_\_\_\_ 1. Incorporation documents for the association
- \_\_\_\_\_ 2. Membership criteria
- \_\_\_\_\_ 3. Association officer responsible for maintenance
- \_\_\_\_\_ 4. Establishment of fee assessment for maintenance work
- \_\_\_\_\_ 5. Establishment of lien system
- \_\_\_\_\_ 6. Reference to department order(s) in association charter
- \_\_\_\_\_ 7. Transfer mechanism from developer to association
- \_\_\_\_\_ 8. List of facilities to be maintained
- \_\_\_\_\_ 9. Identification of any deed covenants, easements, or restrictions
- \_\_\_\_\_ 10. Renewal of covenants and leases
- \_\_\_\_\_ 11. List of inspection and maintenance tasks for each facility
- \_\_\_\_\_ 12. Sample maintenance log
- \_\_\_\_\_ 13. Copies of any third-party maintenance contracts
- \_\_\_\_\_ C. Maintenance of facilities by municipality or municipal district
- \_\_\_\_\_ 1. Identification of the municipal department or utility district
- \_\_\_\_\_ 2. Contact person responsible for maintenance
- \_\_\_\_\_ 3. Evidence of acceptance of maintenance responsibility
- \_\_\_\_\_ 4. Transfer mechanism from developer
- \_\_\_\_\_ 5. List of facilities to be maintained
- \_\_\_\_\_ 6. List of inspection and maintenance tasks for each facility
- \_\_\_\_\_ 7. Identifications of any deed covenants, easements, or restrictions
- \_\_\_\_\_ 8. Sample maintenance log
- \_\_\_\_\_ 2. General inspection and maintenance requirements
- \_\_\_\_\_ a. Drainage easements
- \_\_\_\_\_ b. Ditches, culverts, and catch-basin systems
- \_\_\_\_\_ c. Roadways and parking surfaces
- \_\_\_\_\_ d. Stormwater detention and retention facilities
- \_\_\_\_\_ 1. Embankment inspection and maintenance
- \_\_\_\_\_ 2. Outlet inspection and clean-out
- \_\_\_\_\_ 3. Spillway maintenance
- \_\_\_\_\_ 4. Sediment removal and disposal
- \_\_\_\_\_ e. Stormwater infiltration facilities
- \_\_\_\_\_ 1. Sediment protection plan
- \_\_\_\_\_ 2. Infiltration rehabilitation plan
- \_\_\_\_\_ 3. Sediment removal and disposal
- \_\_\_\_\_ 4. Groundwater monitoring plan
- \_\_\_\_\_ f. Proprietary treatment devices
- \_\_\_\_\_ g. Buffers
- \_\_\_\_\_ h. Other practices and measures

\_\_\_\_\_ **Section 13. Urban Impaired Stream Submissions**

- \_\_\_\_\_ 1. Off-site credits
- \_\_\_\_\_ 2. Compensation fees (Urban Impaired Stream/Phosphorus)
- \_\_\_\_\_ 3. Development impacts

\_\_\_\_\_ **Section 14. Basic Standards**

- \_\_\_\_\_ A. Narrative
- \_\_\_\_\_ 1. Soil types
- \_\_\_\_\_ 2. Existing erosion problems
- \_\_\_\_\_ 3. Critical areas
- \_\_\_\_\_ 4. Protected natural resources
- \_\_\_\_\_ 5. Erosion control measures

- \_\_\_\_\_ 6. Site stabilization
- \_\_\_\_\_ B. Implementation schedule
- \_\_\_\_\_ C. Erosion and sediment control plan
  - \_\_\_\_\_ 1. Pre-development and post-development contours
  - \_\_\_\_\_ 2. Plan scale and elements
  - \_\_\_\_\_ 3. Land cover types and boundaries
  - \_\_\_\_\_ 4. Existing erosion problems
  - \_\_\_\_\_ 5. Critical areas
  - \_\_\_\_\_ 6. Protected natural resources
  - \_\_\_\_\_ 7. Locations (general)
  - \_\_\_\_\_ 8. Locations of controls
  - \_\_\_\_\_ 9. Disturbed areas
  - x 10. Stabilized construction entrance
- \_\_\_\_\_ D. Details and specifications (for both temporary and permanent measures)
- \_\_\_\_\_ E. Design calculations
- \_\_\_\_\_ F. Stabilization plan
  - \_\_\_\_\_ 1. Temporary seeding
  - \_\_\_\_\_ 2. Permanent seeding
  - \_\_\_\_\_ 3. Sodding
  - \_\_\_\_\_ 4. Temporary mulching
  - \_\_\_\_\_ 5. Permanent mulching
- \_\_\_\_\_ G. Winter construction plan
  - \_\_\_\_\_ 1. Dormant seeding
  - \_\_\_\_\_ 2. Winter mulching
- \_\_\_\_\_ H. Third-party inspections
  - \_\_\_\_\_ 1. Inspector's name, address, and telephone number
  - \_\_\_\_\_ 2. Inspector's qualifications
  - \_\_\_\_\_ 3. Inspection schedule
  - \_\_\_\_\_ 4. Contractor contact
  - \_\_\_\_\_ 5. Reporting protocol

**Section 15. Groundwater**

- \_\_\_\_\_ A. Narrative
  - \_\_\_\_\_ 1. Location and maps
  - \_\_\_\_\_ 2. Quantity
  - \_\_\_\_\_ 3. Sources
  - \_\_\_\_\_ 4. Measures to prevent degradation
- \_\_\_\_\_ B. Groundwater protection plan
- \_\_\_\_\_ C. Monitoring plan
  - \_\_\_\_\_ 1. Monitoring points
  - \_\_\_\_\_ 2. Monitoring frequency
  - \_\_\_\_\_ 3. Background conditions
  - \_\_\_\_\_ 4. Monitoring parameters
  - \_\_\_\_\_ 5. Personnel qualifications
  - \_\_\_\_\_ 6. Proof of training
  - \_\_\_\_\_ 7. Equipment and methods
  - \_\_\_\_\_ 8. Quality assurance/quality control
  - \_\_\_\_\_ 9. Reporting requirements
  - \_\_\_\_\_ 10. Remedial action plan
- \_\_\_\_\_ D. Monitoring well installation report
  - \_\_\_\_\_ 1. Well location map
  - \_\_\_\_\_ 2. Elevation data
  - \_\_\_\_\_ 3. Well installation data
  - \_\_\_\_\_ 4. Well construction details
  - \_\_\_\_\_ 5. Borehole logs
  - \_\_\_\_\_ 6. Summary of depth measurements
  - \_\_\_\_\_ 7. Characteristics of subsurface strata
  - \_\_\_\_\_ 8. Well installation contract

- \_\_\_\_\_ 9. Schematic cross-sections
- \_\_\_\_\_ 10. Monitoring point summary table
- \_\_\_\_\_ 11. Protective casing
- \_\_\_\_\_ 12. On-site well identification

**Section 16. Water supply**

- \_\_\_\_\_ A. Water supply method
  - \_\_\_\_\_ 1. Individual wells (evidence of sufficient/healthful supply)
    - \_\_\_\_\_ a. Support of findings by well drillers
    - \_\_\_\_\_ b. Support of findings by geologist
  - \_\_\_\_\_ 2. Common well(s) (reports)
    - \_\_\_\_\_ a. Hydrogeology report
    - \_\_\_\_\_ b. Engineering report
    - \_\_\_\_\_ c. Well installation report
    - \_\_\_\_\_ d. Long-term safe yield and zone of influence determination
    - \_\_\_\_\_ e. Public water supply
      - \_\_\_\_\_ i. Proposed well or wells
      - \_\_\_\_\_ ii. Existing well or wells
      - \_\_\_\_\_ iii. Water quality analysis
  - \_\_\_\_\_ 3. Well construction in shallow-to-bedrock areas
  - \_\_\_\_\_ 4. Additional information
  - \_\_\_\_\_ 5. Off-site utility company or public agency
  - \_\_\_\_\_ 6. Other sources
- \_\_\_\_\_ B. Subsurface wastewater disposal systems (locations of systems and wells)
- \_\_\_\_\_ C. Total usage (statement re: total anticipated water usage)

**Section 17. Wastewater disposal**

- \_\_\_\_\_ A. On-site subsurface wastewater disposal systems (investigation results)
  - \_\_\_\_\_ 1. Site plan
  - \_\_\_\_\_ 2. Soil conditions summary table
  - \_\_\_\_\_ 3. Logs of subsurface explorations
  - \_\_\_\_\_ 4. Additional test pits, borings or probes
    - \_\_\_\_\_ a. Soil conditions A
    - \_\_\_\_\_ b. Soils with Profiles 8 and 9 parent material
    - \_\_\_\_\_ c. Soil conditions D
    - \_\_\_\_\_ d. Disposal field length 60 feet or greater
  - \_\_\_\_\_ 5. 3-bedroom design
  - \_\_\_\_\_ 6. Larger disposal systems
    - \_\_\_\_\_ a. System design details
    - \_\_\_\_\_ b. Plan view
    - \_\_\_\_\_ c. Cross sections
    - \_\_\_\_\_ d. Test pit data
    - \_\_\_\_\_ e. Mounding analysis
- \_\_\_\_\_ B. Nitrate-nitrogen impact assessment
  - \_\_\_\_\_ 1. When required
    - \_\_\_\_\_ a. Exempted\_\_\_\_\_
      - \_\_\_\_\_ i. Conventional systems meeting certain setbacks
      - \_\_\_\_\_ ii. Denitrification systems
    - \_\_\_\_\_ b. Special conditions and other exemptions
  - \_\_\_\_\_ 2. Assumptions
    - \_\_\_\_\_ a. Initial concentration
    - \_\_\_\_\_ b. Background concentration
    - \_\_\_\_\_ c. Contribution from development
    - \_\_\_\_\_ d. Mixing and dilution
    - \_\_\_\_\_ e. Severe-drought scenario
    - \_\_\_\_\_ f. Wastewater flow to subsurface wastewater disposal fields

- \_\_\_\_\_ 3. Assessment report minimum requirements
  - \_\_\_\_\_ a. Narrative and calculations
  - \_\_\_\_\_ b. Site plan
    - \_\_\_\_\_ i. Well locations
    - \_\_\_\_\_ ii. 10 mg/l and 8 mg/l isocons
    - \_\_\_\_\_ iii. Groundwater contours and groundwater flow divides
  - \_\_\_\_\_ c. References
- \_\_\_\_\_ 4. Denitrification systems
  - \_\_\_\_\_ a. Design plans and specifications
  - \_\_\_\_\_ b. Installation information
  - \_\_\_\_\_ c. Monitoring plan
  - \_\_\_\_\_ d. Maintenance
  - \_\_\_\_\_ e. Backup system
- \_\_\_\_\_ C. Municipal facility or utility company letter
- \_\_\_\_\_ E. Storage or treatment lagoons
- x \_\_\_\_\_ D. Wastewater Discharge Information

\_\_\_\_\_ **Section 18. Solid waste** (list: type, quantity, method of collection and location)

- \_\_\_\_\_ A. Commercial solid waste facility (final disposal location)
- \_\_\_\_\_ B. Off-site disposal of construction/demolition debris (final disposal location)
- \_\_\_\_\_ C. On-site disposal of woodwaste/land clearing debris
  - \_\_\_\_\_ 1. Applicability of rules (evidence re: applicability of rules)
  - \_\_\_\_\_ 2. Burning of wood wastes
    - \_\_\_\_\_ a. Delineation on site plan
    - \_\_\_\_\_ b. Plans for handling unburned woodwaste and woodash
    - \_\_\_\_\_ c. Evidence of capacity to accept waste (approved facility)
    - \_\_\_\_\_ d. Usage of materials
    - \_\_\_\_\_ e. Data on mixing ratios and application rates
- \_\_\_\_\_ D. Special or Hazardous Waste

\_\_\_\_\_ **Section 19. Flooding**

- \_\_\_\_\_ A. Explanation of flooding impact
- \_\_\_\_\_ B. Site plan showing 100-year flood elevation
- \_\_\_\_\_ C. Hydrology analysis
- \_\_\_\_\_ D. FEMA flood zone map with site boundaries

\_\_\_\_\_ **Section 20. Blasting**

- \_\_\_\_\_ A. Site Plan or map
- \_\_\_\_\_ B. Report
  - \_\_\_\_\_ 1. Assessment
  - \_\_\_\_\_ 2. Blasting plan

\_\_\_\_\_ **Section 21. Air emissions** (narrative and summary)

- \_\_\_\_\_ A. Point and non-point sources identified
- \_\_\_\_\_ B. Emission components (point sources)

\_\_\_\_\_ **Section 22. Odors**

- \_\_\_\_\_ A. Identification of nature/source
- \_\_\_\_\_ B. Estimate of areas affected
- \_\_\_\_\_ C. Methods of control)

\_\_\_\_\_ **Section 23. Water vapor** (narrative)

\_\_\_\_\_ **Section 24. Sunlight** (statement and drawing, if required)

\_\_\_\_\_ **Section 25. Notices**

- \_\_\_\_\_ A. Evidence that notice sent
- \_\_\_\_\_ B. List of abutters for purposes of notice



**Supplemental requirements for Wind Energy Developments only:**

**Section 26. Shadow flicker**

- \_\_\_\_\_ A. A copy of the Windpro Analysis and associated narrative

**Section 27. Public Safety**

- \_\_\_\_\_ A. Design safety certifications or other documents attesting to the safety of the wind turbine equipment.  
\_\_\_\_\_ B. Evidence pertaining to overspeed controls  
\_\_\_\_\_ C. Site plan documenting safety setbacks zones for each wind turbine  
\_\_\_\_\_ D. Other documents as necessary to demonstrate safety considerations

**Section 28. Tangible Benefits**

- \_\_\_\_\_ A. Narrative demonstration of tangible benefits

**Section 29. Decommissioning**

- \_\_\_\_\_ A. Description of implementation trigger for decommissioning  
\_\_\_\_\_ B. Description of extent of decommissioning  
\_\_\_\_\_ C. Itemization of total cost to complete decommissioning  
\_\_\_\_\_ D. Demonstration of financial assurance for completeness of decommissioning plan

**Section 30. Generating Facility-visual Quality and Scenic Character**

- \_\_\_\_\_ A. (narrative, description, visual impact analysis)