FERGUS POWER PUMP INC.
Biosolids Management
• 24978 - 225th Street • Fergus Falls, MN 56537
Phone (218) 736-6772 • Fax (218) 736-7115
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PLANT LOADING INFORMATION

The following information will be used to size and design the proper Dewatering or Land Application for the Client's needs. (Use separate data sheets for each plant)

Plant name: _____
Plant address: _____
Plant contact name, phone, fax: _____
Plant size in MGD: _____
Type of plant biosolids disposal permit (Class A or Class B): _____

I. Basic information needed to determine suitability ofor your plant. (Please check proper box or write in information)

1. Type of biosolids storage: ____ Digester ____ Lagoon _____ Storage tank
2. Is plant process: _____ Anaerobic _____ Aerobic _____ Waste activated
   a. If anaerobic, do you flare off glasses? Y / N If yes, quantity _____
   b. are your biosolids fully or partially digested? Circle one.
3. Biosolids are: _____Municipal _____Industrial _____ Both
4. Percent of solids in biosolids: _____%
5. Flow rate of pumps from storage location: _____gpm
6. Are soils in disposal area: _____ acidic (low pH) _____ alkaline (high pH)

II. Detailed plant operation information.

1. Existing plant systems: (Current biosolids analysis enclosed: ____ yes ____ no)
   a. Describe the current method of biosolids disposal: _____
   _____
   _____
   b. Does Alum sludge enter the plant? _____ Amount? _____
   c. Operating data:
      1. Days per week of operation _____ plant _____ biosolids processing
      2. Hours per day of operation _____ plant _____ biosolids processing
      3. Weeks per year of operation _____
   d. Indicate the amount of biosolids presently going to disposal
      1. Dispose frequency: (weekly, monthly, etc.) _____
      2. Gallons of liquid _____ per day _____ per truck _____ annually
      3. Liquid truck loads per day: _____
      4. If dewatering exists, dry tons per year: _____
         a. Dewatering hours/day _____
         b. Belt Filter Press _____ Unit size _____
         c. Centrifuge _____ Unit size _____
         d. Recessed chamber (plate and frame) _____
            Unit size _____
         e. Polymer type: _____Manufacturer _____
            Polymer usage: _____
         f. Containers of cake per day: _____
         g. Cubic yards per container: _____

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h. Percent total solids of cake: _____
i. List the present cost of biosolids disposals
   1. Incineration cost per ton of cake or sludge processed: _____
   2. Trucking costs of cake (plants without incineration) or ash
      To disposal:
      _____
   3. What is the disposal (tipping) fee at the disposal site?
      _____
j. Disposal site data
   1. Distance from plant to disposal site: (one way) _____
   2. Is the disposal site a landfill? _____
   3. Is the disposal site a farm or grassland? _____
   4. Who owns the disposal site? _____
   5. Is the disposal site permitted? _____
k. Transportation information
   1. Does the plant own the liquid or cake hauling containers?
   2. Number of trucks and/or containers owned by the plant ___
   3. Number of truck drivers employed by the plant _____
   4. Number of days per week for hauling _____

III. Future plant information

1. Will the listed plant loading rate increase. (time frame)
   _____
2. Percent of loading increase expected _____%
3. Has a design-engineering firm been appointed? _____
4. Contact name, phone, and fax of the designer engineer.
   _____
5. Has the project been funded? _____

IV. Additional information