Provide the following information for each chemical feed:
(Attach additional copies of this page as necessary).

<table>
<thead>
<tr>
<th>Facility Name</th>
<th>PWSID#</th>
<th>Location Address</th>
<th>Municipality</th>
<th>Block</th>
<th>Lot</th>
</tr>
</thead>
</table>

**Type of Chemical Feed**

**Specific Chemical Used**

**Number Of Pumps**

**Pump Make and Model Number**

**Type of Pump**

**Pump Capacity (gph)**

**Treatment Plant Capacity (MGD)**

**Daily Demand (pounds per day)**

**Daily Demand (gallons per day)**

**Initial Concentration** (parts per million)

**Final Concentration** (parts per million)

**Method of Pump Control**

**Purpose of Treatment**

---

1 – Indicate the type of chemical feed (i.e. lime, prechlorination, caustic soda, etc.)
2 – For disinfection chemical feed pumps they must have the capacity to disinfect all water with one unit out of use
3 – Indicate the type of chemical feed pump (i.e. diaphragm, volumetric, gravimetric, solution, etc.)
4 – Indicate how the chemical feed pumps are controlled (i.e. flow pacing, residual pacing, etc.)
* See supporting calculations on Page __________ of Supporting Documentation

General Information

1. Is suitable means provided to ensure proper and continuous application rate of chemical? (N.J.A.C. 7:10-12.31(a)1)  □  □  □

2. Is the variation in the accuracy of the feed pump less than 5% of the intended dosage? (N.J.A.C. 7:10-12.31(a)2)  □  □  □

3. Is the location of chemical feed system designed to prevent dust and fumes from entering other operating areas in the treatment plant?  □  □  □

4. The solution will not be introduced directly into a pipe or conduit under negative pressure or directly into a well?  □  □  □

5. Are the chemical feed lines looped to a level higher than the highest elevation of the chemical storage tank?  □  □  □

6. Is each chemical feed protected via an anti-siphon device?  □  □  □

7. Are the feed lines equipped with clean out connections and accessible for repair?  □  □  □

8. Are the feed lines protected against damage and freezing?  □  □  □

9. Are the feed lines corrosion resistant?  □  □  □

10. Are the feed lines as short as possible and sloped to permit drainage?  □  □  □

11. Is each chemical feed system equipped with a no-flow switch?  □  □  □

Chemical Storage Tank

1. Is there a tank cover provided to prevent contamination?  □  □  □

2. Is the capacity of tank sufficient to provide at least 24 hours worth of chemical storage at normal operating feed rates? (attach calculation)  □  □  □

3. Are means provided to allow for adequate agitation to keep the strength of the chemical solution uniform throughout?  □  □  □

4. Is water which is used for make-up or dilution of chemical feeds introduced through an air gap or other approved method to prevent back siphonage?  □  □  □
Safety Provisions

1. Are rubber or neoprene gloves, apron, and goggles provided? ☐ ☐ ☐

2. Is a safety shower in close proximity to the chemical handling location provided? ☐ ☐ ☐

3. Where dry powdered chemicals are handled, are U.S. Bureau of Mines approved respirators provided? ☐ ☐ ☐

4. Is a copy of the manufacturer’s material safety data sheet conspicuously posted at each location where chemicals are handled? ☐ ☐ ☐

***Submit appropriate plans, specifications, reports, etc. to substantiate your answers. ***

I hereby certify that answers provided herein are accurate and reflective of the project being considered for approval. I hereby certify that answers provided herein are accurate and reflective of the project being considered for approval.

__________________________  ____________
Signature of Applicant/Owner Date