Application Form 2B
Concentrated Animal Feeding Operations and Concentrated Aquatic Animal Production Facilities
NPDES Permitting Program

Note: Complete this form *and* Form 1 if your facility is a new or existing concentrated animal feeding operation or concentrated aquatic animal production facility.
Paperwork Reduction Act Notice

The U.S. Environmental Protection Agency (EPA) estimates the average burden for concentrated animal feeding operation respondents to collect information and complete Form 2B to be 9.2 hours (8.7 hours to complete and submit the application and 0.5 hours to complete and submit a nutrient management plan). EPA estimates the average burden for concentrated aquatic animal production respondents to collect information and complete Form 2B to be 5.5 hours. These estimates include time for reviewing instructions, searching existing data sources, gathering and maintaining the needed data, and completing and reviewing the collection of information. Send comments about the burden estimates or any other aspect of this collection of information to the Chief, Information Policy Branch (PM-223), U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, NW, Washington, DC 20460, and to the Office of Information and Regulatory Affairs, Office of Management and Budget, 725 17th Street, NW, Washington, DC 20503, marked “Attention: Desk Officer for EPA.”
FORM 2B—INSTRUCTIONS

General Instructions
Who Must Complete Form 2B?
You must complete Form 2B if you answered “Yes” to Item 1.2.1 on Form 1—that is, if you are a concentrated animal feeding operation (CAFO) or a concentrated aquatic animal production (CAAP) facility.

Where to File Your Completed Form
Submit your completed application package (Forms 1 and 2B) to your National Pollutant Discharge Elimination System (NPDES) permitting authority. Consult Exhibit 1–1 of Form 1’s “General Instructions” to identify your NPDES permitting authority.

Public Availability of Submitted Information
The U.S. Environmental Protection Agency (EPA) will make information from NPDES permit application forms available to the public for inspection and copying upon request. You may not claim any information on Form 2B (or related attachments) as confidential.

You may make a claim of confidentiality for any information that you submit to EPA that goes beyond the information required by Form 2B. Note that NPDES authorities will deny claims for treating any effluent data as confidential. If you do not assert a claim of confidentiality at the time you submit your information to the NPDES permitting authority, EPA may make the information available to the public without further notice to you. EPA will handle claims of confidentiality in accordance with the Agency’s business confidentiality regulations at Part 2 of Title 40 of the Code of Federal Regulations (CFR).

Completion of Forms
Print or type in the specified areas only. If you do not have enough space on the form to answer a question, you may continue on additional sheets, as necessary, using a format consistent with the form.

Definitions
The legal definitions of all key terms used in these instructions and Form 2B are in the “Glossary” at the end of the “General Instructions” in Form 1.

Line-by-Line Instructions
EPA Identification Number, NPDES Permit Number, and Facility Name
Provide your EPA Identification Number from the Facility Registry Service, NPDES permit number, and facility name at the top of each page of Form 2B and any attachments. If your facility is new (i.e., not yet constructed), write or type “New Facility” in the space provided for the EPA Identification Number and NPDES permit number. If you do not know your EPA Identification Number, contact your NPDES permitting authority. See Exhibit 1-1 of the General Instructions of Form 1 for contact information.

Section 1. General Information
Item 1.1. Mark whether your facility/business type is a CAFO or a CAAP:
• For a CAFO, you must complete Sections 1 through 6 and Section 8.
• For a CAAP, you must complete Sections 1, 7, and 8.

Item 1.2. Indicate whether your facility is an existing or proposed facility. Mark “Proposed Facility” if your facility is presently not in operation or is expanding to meet the definition of a CAFO in accordance with the regulations at 40 CFR 122.23.

Section 2. CAFO Owner/Operator Contact Information
Item 2.1. Provide the name, title, telephone number, and email address of the owner/operator of the facility/business.

Item 2.2. Provide the complete mailing address of the owner/operator of the facility/business.

Section 3. CAFO Location and Contact Information
Item 3.1. Provide the legal name and location (complete mailing address) of the facility. Also indicate whom the NPDES permitting authority should contact about the application, including a telephone number and email address.

Item 3.2. Provide the latitude and longitude of the entrance to the production area (i.e., the part of the operation that includes the animal confinement area, the manure storage area, the raw materials storage area, and the waste containment areas). The latitude and longitude may be provided in degrees, minutes, second format (e.g., 38° 53' 38" N, 77° 1' 45" W) or decimal degrees (e.g., 38.893829, -77.029280). Latitude and longitude coordinates may be obtained in a variety of ways, including use of hand held devices (e.g., a GPS enabled smartphone), internet mapping tools (e.g., https://mapserverdata.larc.nasa.gov/latitudelongitude-finder/), geographic information systems (e.g., ArcView), or paper maps from trusted sources (e.g., U.S. Geological Survey or USGS). For further guidance, refer to http://www.epa.gov/geo/netdata/latitudelongitude-data-standard.

Item 3.3. If the facility uses a contract grower, provide the name and complete mailing address of the integrator.
geographic information systems (e.g., ArcView), or paper maps from trusted sources (e.g., USGS).

On all maps of rivers, show the direction of the current. In tidal waters, show the directions of ebb and flow tides.

You may develop your map by going to the United States USGS’s National Map website at http://nationalmap.gov/ (For a map from this site, use the traditional 7.5-minute quadrangle format. If none is available, use a USGS 15-minute series map.) You may also use a plat or other appropriate map. Briefly describe land uses in the map area (e.g., residential, commercial). Note that you have completed your topographic map and attached it to the application.

Section 5. CAFO Characteristics

Supply all information in Section 5 if you checked “Existing facility” in response to Item 1.2.

Item 5.1. Provide the maximum number of each type of animal in open confinement or housed under roof (either partially or totally) that are held at your facility for a total of 45 days or more in any 12-month period. Provide the total number of animals confined at the facility.

Item 5.2. Identify the applicable types of containment and storage for manure, litter, and process wastewater at the facility and indicate the capacity of storage in days and gallons or tons.

Item 5.3. Indicate the total number of acres that are drained and collected in the containment and storage structure(s).

Item 5.4. Specify the tons of manure or litter and the gallons of process wastewater generated at the facility on an annual basis.

Item 5.5. Indicate whether the manure, litter, and/or process wastewater is land applied. If yes, continue to Item 5.6. If no, skip to Item 5.8.

Item 5.6. Indicate the number of acres of land under the control of the applicant that are available for land application of the manure, litter, or process wastewater.

Item 5.7. Check any of the identified best management practices that are being implemented at the facility to control runoff and protect water quality.

Item 5.8. Indicate if the manure, litter, and/or process wastewater is transferred to any other persons. If yes, continue to Item 5.9. If no, skip to Item 5.10.

Section 4. CAFO Topographic Map

Item 4.1. Provide a topographic map of the geographic area in which the facility is located, showing the specific location of the production area(s). You are not required to provide the topographic map required by Section 7 of Form 1.

On each map, include the map scale, a meridian arrow showing north, and latitude and longitude to the nearest second or equivalent decimal degrees (e.g., 38.893829, -77.029289). Latitude and longitude coordinates may be obtained in a variety of ways, including use of hand held devices (e.g., a GPS enabled smartphone), internet mapping tools (e.g., https://mynasadata.larc.nasa.gov/latlongfinder).
Item 5.9. Specify the tons of manure or litter or the gallons of process wastewater transferred annually to other people.

Item 5.10. Describe any alternative uses of manure, litter, or process wastewater, if any (e.g., composting, pelletizing, energy generation).

Section 6. CAFO Nutrient Management Plans

Item 6.1. Indicate if you have submitted a nutrient management plan that satisfies the requirements at 40 CFR 122.42(e) and, if applicable, the requirements at 40 CFR 412.4(c).

Item 6.2. If you have not yet submitted a nutrient management plan, explain why not.

FORM 2B—INSTRUCTIONS CONTINUED

FEDERAL REGULATIONS AT 40 CFR 122.22 REQUIRE THIS APPLICATION TO BE SIGNED AS FOLLOWS:

A. For a corporation, by a responsible corporate officer. For the purpose of this section, a responsible corporate officer means:
   (1) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy- or decision-making functions for the corporation, or (2) the manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

B. For a partnership or sole proprietorship, by a general partner or the proprietor, respectively.

C. For a municipality, state, federal, or other public facility, by either a principal executive officer or ranking elected official. For purposes of this section, a principal executive officer of a federal agency includes: (1) The chief executive officer of the agency, or (2) a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., Regional Administrators of EPA).

END

Submit your completed Form 1, Form 2B, and all associated attachments (and any other required NPDES application forms) to your NPDES permitting authority.
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**SECTION 1. GENERAL INFORMATION (40 CFR 122.21(i)(1))**

1.1 Indicate the facility/business type. (Check only one response.)
- CAFO ➔ Complete Sections 1 through 6 and Section 8.
- CAAP ➔ Complete Sections 1, 7, and 8.

1.2 Indicate the operational status of the facility. (Check one.)
- Existing facility
- Proposed facility

**SECTION 2. CAFO OWNER/OPERATOR CONTACT INFORMATION (40 CFR 122.21(f)(2) and (4) and 122.21(i)(1)(ii))**

2.1 **Owner/Operator Contact**
- Name (first and last)
- Title
- Phone number
- Email address

2.2 **Owner/Operator Mailing Address**
- Street or P.O. box
- City or town
- State
- Zip code

**SECTION 3. CAFO LOCATION AND CONTACT INFORMATION (40 CFR 122.21(i)(1)ii and iii)**

3.1 **CAFO Location and Contact**
- Name
- Address (street, route number, or other specific identifier)
- County
- City or town
- State
- Zip code
- Facility contact name
- Phone number
- Email address

3.2 **Latitude/Longitude of Entrance to Production Area** (see instructions)
- Latitude
- Longitude
### CAFO Location and Contact Information Continued

<table>
<thead>
<tr>
<th>3.3 Integrator Name and Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
</tr>
<tr>
<td>City or town</td>
</tr>
</tbody>
</table>

### SECTION 4. CAFO TOPOGRAPHIC MAP (40 CFR 122.21(i)(1)(iv))

**CAFO Topographic Map**

4.1 Have you attached a topographic map containing all required information to this application? (See instructions for specific requirements.)

- [ ] Yes  ➤ SKIP to Section 5.
- [ ] No

### SECTION 5. CAFO CHARACTERISTICS (40 CFR 122.21(i)(1)(v-ix))

**CAFO Characteristics**

5.1 Provide information on the type and number of animals in the table below.

<table>
<thead>
<tr>
<th>Animal Type</th>
<th>Number in Open Confineement</th>
<th>Number Housed Under Roof</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mature dairy cows</td>
<td>□</td>
<td>□ Sheeps or lambs</td>
</tr>
<tr>
<td>Dairy heifers</td>
<td>□</td>
<td>□ Chickens (broilers)</td>
</tr>
<tr>
<td>Veal calves</td>
<td>□</td>
<td>□ Chickens (layers)</td>
</tr>
<tr>
<td>Cattle (Not dairy or veal calves)</td>
<td>□</td>
<td>□ Ducks</td>
</tr>
<tr>
<td>Swine (55 lbs. or more)</td>
<td>□</td>
<td>□ Other (specify)</td>
</tr>
<tr>
<td>Swine (under 55 lbs.)</td>
<td>□</td>
<td>□ Other (specify)</td>
</tr>
<tr>
<td>Horses</td>
<td>□</td>
<td>□ Other (specify)</td>
</tr>
<tr>
<td>Turkeys</td>
<td>□</td>
<td>□ Other (specify)</td>
</tr>
</tbody>
</table>

5.2 Indicate the type of containment and storage, total number of days, and total capacity for manure, litter, and process wastewater storage in the table below.

<table>
<thead>
<tr>
<th>Type of Containment and Storage</th>
<th>Total Number of Days</th>
<th>Total Capacity (specify gallons or tons)</th>
<th>Type of Containment and Storage</th>
<th>Total Number of Days</th>
<th>Total Capacity (specify gallons or tons)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anaerobic lagoon</td>
<td>□</td>
<td>□ Belowground storage tanks</td>
<td>□</td>
<td>□ Roofed storage shed</td>
<td></td>
</tr>
<tr>
<td>Evaporation</td>
<td>□</td>
<td>□ Concrete pad</td>
<td>□</td>
<td>□ Impervious soil pad</td>
<td></td>
</tr>
<tr>
<td>Aboveground storage tanks</td>
<td>□</td>
<td>□ Other (specify)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Storage pond</td>
<td>□</td>
<td>□ Other (specify)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Underfloor pit</td>
<td>□</td>
<td>□ Other (specify)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

5.3 Indicate the total number of acres drained and collected in the containment and storage structure(s) reported under Item 5.2.

__________ acres
### Manure, Litter, and/or Process Wastewater Production and Use

5.4 How many tons of manure or litter and gallons of process wastewater are generated annually at the CAFO?

<table>
<thead>
<tr>
<th>Manure</th>
<th>tons</th>
</tr>
</thead>
<tbody>
<tr>
<td>Litter</td>
<td>tons</td>
</tr>
<tr>
<td>Process wastewater</td>
<td>gallons</td>
</tr>
</tbody>
</table>

5.5 Is manure, litter, and/or process wastewater generated at the CAFO land applied?

- [ ] Yes
- [ ] No ➔ SKIP to Item 5.8.

5.6 How many acres of land under the control of the applicant are available for applying the CAFO’s manure, litter, or process wastewater?

*______________ acres*

5.7 Check all land application best management practices that are being implemented.

- [ ] Buffers
- [ ] Infiltration field
- [ ] Setbacks
- [ ] Grass filter
- [ ] Conservation tillage
- [ ] Terrace
- [ ] Constructed wetlands
- [ ] Other (specify)

5.8 Is manure, litter, and/or process wastewater transferred to any other persons?

- [ ] Yes
- [ ] No ➔ SKIP to Item 5.10.

5.9 How many tons of manure or litter and gallons of process wastewater, produced by the CAFO, are transferred annually to other people?

<table>
<thead>
<tr>
<th>Manure</th>
<th>tons</th>
</tr>
</thead>
<tbody>
<tr>
<td>Litter</td>
<td>tons</td>
</tr>
<tr>
<td>Process wastewater</td>
<td>gallons</td>
</tr>
</tbody>
</table>

5.10 Describe alternative use(s) of manure, litter, or process wastewater, if any.

### SECTION 6. CAFO NUTRIENT MANAGEMENT PLANS (40 CFR 122.21(i)(1)(x))

6.1 Has the applicant attached a nutrient management plan that satisfies the requirements at 40 CFR 122.42(e) and, if applicable, the requirements at 40 CFR 412.4(c)? **Note:** A permit application is not complete until a nutrient management plan is submitted to the NPDES permitting authority.

- [ ] Yes ➔ SKIP to Item 6.3.
- [ ] No

6.2 Explain why a nutrient management plan is not attached to the application and your estimated date for submitting the NMP.

6.3 Is a nutrient management plan being implemented at the CAFO?

- [ ] Yes
- [ ] No

6.4 What was the date of the last review or revision of the nutrient management plan?

*Date _________________________________*

**Commented [AS1]:** I did not remove this “No” question since it leads to Item 6.2, which provides space to provide an explanation if they have not attached the NMP. I’m wondering if we could remove the “No” answer and Item 6.2 since, as noted in Item 6.1, the application is not complete until an NMP is submitted? If you want to remove, I suggest running this by someone in the CAFO program (Jenny Molloy).

Note that 40 CFR 122.21(i)(1)(x) requires “A nutrient management plan that at a minimum satisfies the requirements specified in §122.42(e), including, for all CAFOs subject to 40 CFR part 412, subpart C or subpart D, the requirements of 40 CFR 412.4(c), as applicable.”

If you keep Item 6.2, I made a suggested edit to account for a scenario where the applicant was still developing the NMP and planned to submit at a later date.
### SECTION 7. CAAP FACILITY CHARACTERISTICS (40 CFR 122.21(i)(2))

7.1 **Is the CAAP facility located on land?**
- Yes
- No \(\Rightarrow\) SKIP to Item 7.3.

7.2 **Provide the maximum daily and maximum average monthly discharge at CAAP by outfall.**

<table>
<thead>
<tr>
<th>Outfall Number</th>
<th>Maximum Daily Discharge</th>
<th>Maximum Average Monthly Discharge</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>gpd</td>
<td>gpd</td>
</tr>
<tr>
<td></td>
<td>gpd</td>
<td>gpd</td>
</tr>
<tr>
<td></td>
<td>gpd</td>
<td>gpd</td>
</tr>
</tbody>
</table>

7.3 **Indicate the type and number of discharge structures at the CAAP. Provide a brief description of each structure. Also note the name of the receiving water and the source of the intake water for each structure.**

<table>
<thead>
<tr>
<th>Structure Type</th>
<th>Number of Each</th>
<th>Description</th>
<th>Receiving Water Name</th>
<th>Source of Intake Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ponds</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Raceways</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Net pens</td>
<td></td>
<td></td>
<td></td>
<td>Not applicable</td>
</tr>
<tr>
<td>Submerged cages</td>
<td></td>
<td></td>
<td></td>
<td>Not applicable</td>
</tr>
<tr>
<td>Similar structures</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

7.4 **List the cold-water and/or warm-water aquatic species raised/produced in the table below. For each species listed, indicate the total yearly and maximum harvestable weight (in pounds).**

<table>
<thead>
<tr>
<th>Cold Water Species</th>
<th>Harvestable Weight</th>
<th>Warm Water Species</th>
<th>Harvestable Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Species</td>
<td>Total Yearly</td>
<td>Species</td>
<td>Total Yearly</td>
</tr>
<tr>
<td></td>
<td>Maximum</td>
<td></td>
<td>Maximum</td>
</tr>
<tr>
<td>lbs.</td>
<td>lbs.</td>
<td>lbs.</td>
<td>lbs.</td>
</tr>
<tr>
<td>lbs.</td>
<td>lbs.</td>
<td>lbs.</td>
<td>lbs.</td>
</tr>
<tr>
<td>lbs.</td>
<td>lbs.</td>
<td>lbs.</td>
<td>lbs.</td>
</tr>
</tbody>
</table>

7.5 **Indicate the calendar month of maximum feeding and the total mass of food fed (in pounds) during that month.**

<table>
<thead>
<tr>
<th>Month of Maximum Feeding</th>
<th>Total Mass of Food Fed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>lbs.</td>
</tr>
</tbody>
</table>
### SECTION 8. CHECKLIST AND CERTIFICATION STATEMENT (40 CFR 122.22(a) and (d))

8.1 In Column 1, below, mark the sections of Form 2B that you have completed and are submitting with your application. For each section, specify in Column 2 any attachments that you are enclosing to alert the permitting authority. Note that not all applicants are required to provide attachments.

<table>
<thead>
<tr>
<th>Column 1</th>
<th>Column 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Section 1: General Information</td>
<td>w/ attachments</td>
</tr>
<tr>
<td>Section 2: CAFO Owner/Operator Contact Information</td>
<td>w/ attachments</td>
</tr>
<tr>
<td>Section 3: CAFO Location and Contact Information</td>
<td>w/ attachments</td>
</tr>
<tr>
<td>Section 4: CAFO Topographic Map</td>
<td>w/ topographic map</td>
</tr>
<tr>
<td>Section 5: CAFO Characteristics</td>
<td>w/ attachments</td>
</tr>
<tr>
<td>Section 6: CAFO Nutrient Management Plans</td>
<td>w/ nutrient management plan</td>
</tr>
<tr>
<td>Section 7: CAAP Facility Characteristics</td>
<td>w/ attachments</td>
</tr>
<tr>
<td>Section 8: Checklist and Certification Statement</td>
<td>w/ attachments</td>
</tr>
</tbody>
</table>

8.2 Provide the following certification. (See instructions to determine the appropriate person to sign the application.)

**Certification Statement**

*I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.*

<table>
<thead>
<tr>
<th>Name (print or type first and last name)</th>
<th>Official title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Signature</td>
<td>Date signed</td>
</tr>
</tbody>
</table>