

**NPDES CAFO Reporting Rule  
Summary Report on Information Search**

July 13, 2012

Water Permits Division  
Office of Wastewater Management  
U.S. Environmental Protection Agency  
Washington, D.C. 20460



## ACKNOWLEDGEMENTS AND DISCLAIMER

This document was prepared by Tetra Tech, Inc., under Contract No. EP-C-11-009, Work Assignment 1-17, under the direction and review of the Office of Wastewater Management.

Neither the United States government nor any of its employees, contractors, subcontractors, or other employees make any warranty, expressed or implied, or assume any legal liability or responsibility for any third party's use of, or the results of such use of, any information, apparatus, product, or process discussed in this report, or represent that its use by such a third party would not infringe on privately owned rights.



## **NPDES CAFO Reporting Rule Information Search**

For each state, Tetra Tech searched the web sites for the state environmental department and the state department of agriculture for a list of CAFOs in the state, a map of CAFOs in the state, or other information identifying individual CAFOs. Tetra Tech also searched web sites for state farm bureaus and conservation districts, and performed a general keyword search for CAFO information presented through industry or environmental groups. The search attempted to find the following information for CAFOs in each state:

- Owner/Operator Name
- Owner/Operator Address
- CAFO Name
- CAFO Address
- CAFO Location
- CAFO Latitude/Longitude
- NPDES Permit Status
- NPDES Permit Number
- Type of Confined Animals
- Number of Animals
- Acres of Land Available for Land Application

For each state, Tetra Tech compiled as much facility identifying information as possible, according to the categories listed above, based on the available resources.

In addition to an internet search, Tetra Tech screened EPA's Integrated Compliance Information System (ICIS) and Permit Compliance System (PCS) databases for permitted CAFO information. Tetra Tech also evaluated the EPA Enforcement and Compliance History Online (ECHO) site as a possible source of information to identify and locate CAFOs. Since ECHO displays all permits for a facility, it is a potential resource for locating non-permitted CAFOs (i.e., if a CAFO without an NPDES CAFO permit nevertheless possesses another type of permit, such as an air permit, that identifies its location).

The notes below summarize the information that was found for each state. In some cases, Tetra Tech found maps or other resources that indicate the availability of site-specific CAFO information even if the information itself was not accessible on-line. Those resources are identified below, along with contact information, where available, that may be used to request the data.

## Notes

### *EPA Region 1*

#### Connecticut

- Located a report with two maps of CAFO locations in Connecticut. See section 2 of [http://www.ct.gov/dep/lib/dep/water\\_regulating\\_and\\_discharges/cafo/03finalrpt.pdf](http://www.ct.gov/dep/lib/dep/water_regulating_and_discharges/cafo/03finalrpt.pdf). Facility-specific information would need to be requested from the Connecticut Department of Environmental Protection.
- Also located a report generated for the Connecticut Department of Environmental Protection (DEP) that mapped dairy farms and discussed acres of land available for land application of dairy and poultry manure. See Figures 3-1 through 3-3 of <http://easternrcd-ct.org/NutrientManagement/NMpdfs/CAFOFeasibilityStudy.pdf>. Facility-specific information would need to be requested from the author (Wright-Pierce) or the CT DEP ([dep.webmaster@ct.gov](mailto:dep.webmaster@ct.gov)).

#### Maine

- Could not locate any information about CAFOs in Maine.

#### Massachusetts

- Could not locate any information about CAFOs in Massachusetts.

#### New Hampshire

- Could not locate any information about CAFOs in New Hampshire.

#### Rhode Island

- Could not locate any information about CAFOs in Rhode Island.

#### Vermont

- Could not locate any information about CAFOs in Vermont.

### *EPA Region 2*

#### New York

- The New York Department of Environmental Conservation (DEC) provides a map of Large and Medium permitted CAFOs in New York. Facility specific information may be requested from the Department ([dpaeweb@gw.dec.state.ny.us](mailto:dpaeweb@gw.dec.state.ny.us)). See <http://www.dec.ny.gov/permits/36895.html>. No other information was found.

#### New Jersey

- A list of CAFOs covered under the state general permit was located at <http://www.state.nj.us/dep/dwg/database.htm>. No other information was found using the state Department of Agriculture website or a general Google web search for New Jersey CAFOs.

#### Puerto Rico

- Could not locate any information about CAFOs in Puerto Rico.

## US Virgin Islands

- Could not locate any information about CAFOs in the Virgin Islands.

## EPA Region 3

### Delaware

- EPA Region 3 provides a list of the number of medium and large AFOs in each state of EPA Region 3. See [http://www.epa.gov/reg3wapd/pdf/pdf\\_nps/afo/all\\_data.pdf](http://www.epa.gov/reg3wapd/pdf/pdf_nps/afo/all_data.pdf).
- The business and owner name, city, animal type, and number of animals for 300 CAFOs are identified in the 2009 PDF from Delaware Department of Agriculture at [http://dda.delaware.gov/nutrients/forms/2009/122009\\_Current%20CAFO%20List.pdf](http://dda.delaware.gov/nutrients/forms/2009/122009_Current%20CAFO%20List.pdf). The state would need to be contacted to obtain the specific locations (latitude/longitude or address) for the records displayed in the PDF. The surface water discharge permitting section of the Division of Water can be contacted at 302-739-9946, or a public information request can be submitted via the following web site:  
<http://www.dnrec.delaware.gov/wr/Information/Pages/PublicInformationRequest.aspx>

### Maryland

- The State of Maryland issues permits for CAFOs and MAFOs (large AFOs that do not discharge.) Maryland Department of the Environment maintains a search engine for all regulated CAFOs and MAFOs. See [http://www.mde.state.md.us/programs/Land/SolidWaste/CAFOMAFO/Pages/Programs/LandPrograms/Solid\\_Waste/cafo\\_search/CAFO.aspx](http://www.mde.state.md.us/programs/Land/SolidWaste/CAFOMAFO/Pages/Programs/LandPrograms/Solid_Waste/cafo_search/CAFO.aspx). The listed facilities included CAFOs and MAFOs, but the list did not include the permit number for the facilities. A map of Maryland CAFOs is found at <http://cbfn.rhizalabs.com/cbi/snapshot/page?concept=~0176dd2a1e69e011e0b1deb4f4e60a530f>. The data set for this map has been deleted, but the web site lists the author of the map and provides a contact email (Brent Walls, [brent@potomacriverkeeper.org](mailto:brent@potomacriverkeeper.org))

### Pennsylvania

- The Pennsylvania Department of Environmental Protection (DEP) maintains a searchable database of permitted facilities (eFACTS) at [http://www.ahs2.dep.state.pa.us/eFACTSWeb/criteria\\_client.aspx](http://www.ahs2.dep.state.pa.us/eFACTSWeb/criteria_client.aspx). A search could not be completed and exported to excel however due to errors with the site.
- The Pennsylvania Watershed Implementation Plan ([http://www.portal.state.pa.us/portal/server.pt/document/1010622/chesapeake\\_bay\\_wip\\_november\\_29%2C\\_2010\\_pdf?qid=36945254&rank=1](http://www.portal.state.pa.us/portal/server.pt/document/1010622/chesapeake_bay_wip_november_29%2C_2010_pdf?qid=36945254&rank=1), See page 33) indicates that the state maintains a master list of CAFOs and has mapped the location of these CAFOs. Information on filing a public records request is found at [http://www.portal.state.pa.us/portal/server.pt/community/public\\_records/19207](http://www.portal.state.pa.us/portal/server.pt/community/public_records/19207).

### Virginia

- Virginia maintains spreadsheets of active permit applications for the Virginia Pollutant Discharge Elimination System (VPDES) and the Virginia Pollution Abatement (VPA) programs. See <http://www.deq.virginia.gov/Programs/Water/PermittingCompliance/PermitApplication>

[Status.aspx](#). The VPA program regulates the land application of animal wastes. Each list does not contain the number of animals confined and therefore, Tetra Tech could not determine if each operation is a CAFO or an AFO.

#### West Virginia

- Could not locate any information about CAFOs in West Virginia.
- Animal feeding operation GIS data are available through AEGIS at <http://www.aegis.jsu.edu/WV/WVdownload.html>.

#### EPA Region 4

##### Florida

- Florida Department of Environmental Protection maintains a spreadsheet of facility information for permitted CAFOs and AFOs. See <http://www.dep.state.fl.us/water/wastewater/facinfo.htm>.

##### Alabama

- A list of AFOs and CAFOs that have registered with the State is provided at the following website: <http://www.adem.state.al.us/programs/water/cafo.cnt>. The facility's Master ID list can be used to find the address of each facility using ADEM efile at <http://edocs.adem.alabama.gov/eFile/>. The Alabama list was used to compare to the ICIS file of facilities to determine the accuracy of ICIS data.

##### Mississippi

- Mississippi DEQ maintains a searchable website for NPDES permits ([http://opc.deq.state.ms.us/search\\_ai\\_alt.aspx#grid](http://opc.deq.state.ms.us/search_ai_alt.aspx#grid)). Individual permits were identified by reviewing the list of individual permits and identifying individually permitted CAFOs. General permits were available for poultry and swine. CAFO NPDES permitting information is found at [http://www.deq.state.ms.us/MDEQ.nsf/page/epd\\_AgriculturalBranchEPD?OpenDocument](http://www.deq.state.ms.us/MDEQ.nsf/page/epd_AgriculturalBranchEPD?OpenDocument).
- The Mississippi Department of Agriculture and Commerce (<http://www.mdac.state.ms.us/>) was searched but no information was found.

##### Georgia

- Could not locate any information about CAFOs in Georgia.

##### Kentucky

- Could not locate any information about CAFOs in Kentucky.
- General CAFO permitting information is available at: <http://water.ky.gov/permitting/Pages/AFOsandCAFOs.aspx>
- KPDES permits issued and permit applications are searchable by date and permit program (e.g., Wastewater) at: [https://dep.gateway.ky.gov/eSearch/Report\\_Permit\\_Applications.aspx](https://dep.gateway.ky.gov/eSearch/Report_Permit_Applications.aspx), and [https://dep.gateway.ky.gov/eSearch/Report\\_Permits\\_Issued.aspx](https://dep.gateway.ky.gov/eSearch/Report_Permits_Issued.aspx)



## Tennessee

- Site-specific CAFO information was obtained from the Tennessee Department of Environment and Conservation at: [http://environment-online.state.tn.us:7654/pls/enf\\_reports/f?p=9034:34001:719316808965690::NO::](http://environment-online.state.tn.us:7654/pls/enf_reports/f?p=9034:34001:719316808965690::NO::)  
The information obtained includes multiple permit listings (i.e., NPDES and operating permits) for certain CAFOs.

## North Carolina

- Site-specific CAFO information was obtained online from the North Carolina Department of Environment and Natural Resources' Division of Water Quality at: <http://portal.ncdenr.org/web/wq/aps/afo/perm>  
Redundant NPDES permit numbers reflect different regulated activities (e.g., Dairy Calf, Dairy Heifer, or Milk Cow). CAFO location data includes County and Latitude/Longitude.

## South Carolina

- No site-specific information for South Carolina CAFO operations was obtained.
- GIS data layers for Permitted Agricultural Facilities (Animal Farms) are available for download from the South Carolina Department of Health and Environmental Control at: <http://www.scdhec.gov/gis/GIS.aspx>. "The downloadable GIS data layers provide spatial location of past and present agricultural facilities (animal houses and potential field application sites). Publication\_Date: 6/18/01"

## EPA Region 5

### Illinois

- No site-specific information for Illinois CAFOs was located.
- EPA Region 5 provided information regarding Illinois CAFOs at <http://www.epa.gov/region05/illinoisworkplan/>. The dates on these lists are from 2009 and therefore may not be current. As of February 2011, EPA Region 5 and Illinois have agreed on a workplan for the state to implement CAFO NPDES permitting procedures.
- A list of No Permit Required CAFOs: [http://www.epa.gov/region05/illinoisworkplan/pdfs/il\\_report\\_201009\\_attach\\_d.pdf](http://www.epa.gov/region05/illinoisworkplan/pdfs/il_report_201009_attach_d.pdf)
- List of facilities that previously had NPDES permits: [http://www.epa.gov/region05/illinoisworkplan/pdfs/il\\_report\\_201009\\_attach\\_a.pdf](http://www.epa.gov/region05/illinoisworkplan/pdfs/il_report_201009_attach_a.pdf)
- List of CAFOs required to obtain NPDES permit: [http://www.epa.gov/region05/illinoisworkplan/pdfs/il\\_report\\_201009\\_attach\\_b.pdf](http://www.epa.gov/region05/illinoisworkplan/pdfs/il_report_201009_attach_b.pdf)
- List of Certified Livestock Managers: <http://www.agr.state.il.us/Environment/LMFA/CLMlist.php>
- "Notices of Intent to Construct" a Livestock Facility received by the IL Dept. of Agriculture: <http://www.agr.state.il.us/Environment/LMFA/lmfastats.html>
- "Livestock Facility Survey Annual Summaries" which includes a list of NPDES permits issued by year: <http://www.epa.state.il.us/water/cafo/reports/>
- Facilities covered under General NPDES permit: <http://www.epa.state.il.us/water/permits/cafo/facilities>

## Indiana

- Indiana permits confined feeding operations (facilities with at least 300 cattle, 500 horses, 600 swine or sheep, or 30,000 fowl.)
- Confined Feeding Operations (CFOs) and CAFO Projects Issued July 24, 2011 to August 24, 2011 are listed at: <http://www.in.gov/idem/4850.htm>
- CFO and CAFO Projects Pending as of August 24, 2011 are listed at: <http://www.in.gov/idem/4851.htm>

## Michigan

- A list of permitted and pending CAFO facilities is found at [http://www.michigan.gov/deq/0,1607,7-135-3313\\_3682\\_3713-96774--,00.html](http://www.michigan.gov/deq/0,1607,7-135-3313_3682_3713-96774--,00.html)

## Ohio

- A map that displays the location of Concentrated Animal Feeding Facilities (CAFFs) permitted by the Ohio Department of Agriculture (ODA) and Concentrated Animal Feeding Operations (CAFOs) permitted by the Ohio Environmental Protection Agency (OEPA) can be found here: <http://wwwapp.epa.ohio.gov/dsw/gis/cafo/>. Questions or comments regarding this map can be submitted to Jon Bernstein in the Division of Surface Water at [jon.bernstein@epa.state.oh.us](mailto:jon.bernstein@epa.state.oh.us).

## Wisconsin

- A map of Wisconsin's Wisconsin Pollutant Discharge Elimination System permitted CAFOs is found at [http://dnr.wi.gov/runoff/pdf/ag/cafo\\_map.pdf](http://dnr.wi.gov/runoff/pdf/ag/cafo_map.pdf) and is dated June 2010.
- A list of CAFO permittees is provided at [http://dnr.wi.gov/runoff/agriculture/cafo/permits/cafo\\_all.asp](http://dnr.wi.gov/runoff/agriculture/cafo/permits/cafo_all.asp). For more information about Wisconsin CAFOs, please contact [Tom Bauman](mailto:Tom.Bauman@dnr.wisconsin.gov) 608-266-9993 with the Wisconsin Department of Natural Resources.

## Minnesota

- No site-specific information for Minnesota CAFOs was located.

## *EPA Region 6*

### Arkansas

- Arkansas requires all confined animal operations, regardless of size, that use a liquid waste management system obtain a permit from the Department. Facilities may be covered under an individual or general permit. The actual permits or list of enrollees could not be found. Arkansas recently public noticed its general NPDES permit for CAFOs. It has not yet been adopted.
- Facilities listed from Arkansas were retrieved from a spreadsheet of permitted facilities maintained by the state, found at <http://www.adeq.state.ar.us/home/pdssql/pds.asp>. The list sometimes provided the number of animals present at a facility, but for others where this information was not provided, it could not be determined whether the facilities are CAFOs or AFOs using a liquid waste management system.

## Louisiana

- The Louisiana Department of Environmental Quality does not have a list of permits in an electronic format on its NPDES site. They do provide pdf lists of permit applications received per week from 2005 through current 2011. The website (<http://www.deq.louisiana.gov/portal/DIVISIONS/PublicParticipationandPermitSupport/PermitApplicationsReceived.aspx>) states that an electronic copy of the Permit Applications Received List can be requested by email by contacting Chris Mayeux at [chris.mayeux@la.gov](mailto:chris.mayeux@la.gov) by telephone at (225) 219-3247.

## New Mexico

- New Mexico does not have CAFO NPDES authorization, but does require groundwater permits for feeding operations that may affect groundwater. A list of these permits is provided at <http://www.nmenv.state.nm.us/gwb/NMED-GWQB-Permits.htm>. Because this list does not provide animal numbers per facility, it could not be determined whether the facilities listed are CAFOS or AFOs.

## Oklahoma

- Oklahoma does not have CAFO NPDES authority. The Department of Agriculture maintains lists of new or expanding registered poultry feeding operations; it could not be determined based on the information presented (i.e., whether the manure handling system was wet or dry) for each listing whether it was a CAFO or AFO. See <http://www.ok.gov/~okag/aems/rpfo.htm>.

## Texas

- Texas maintains a list of dischargers covered under the general permit at [http://www5.tceq.state.tx.us/wq\\_dpa/index.cfm](http://www5.tceq.state.tx.us/wq_dpa/index.cfm). The list contains a link to the NOI which contains all the info requested on the spreadsheet; however there are 728 active permittees with 595 distinct permits under the GP (as of March 1, 2012). A search of ICIS listed 625 facilities.

## *EPA Region 7*

### Iowa

- The Iowa Department of Natural Resources maintains a spreadsheet of currently permitted facilities on its website. See <http://www.iowadnr.gov/InsideDNR/RegulatoryWater/NPDESWastewaterPermitting/CurrentNPDESPermits.aspx>.
- The Iowa State Association of Counties maintains 3 maps of animal feeding operations in Iowa. See <http://www.iowacounties.org/News/CAFosinIowa.htm>. The webpage indicates that the maps show CAFOs but the maps state they show AFOs, so it is not clear which is the correct label.
- IA DNR also maintains a database of facilities in IA, which include permitted facilities, and other facilities that have voluntarily registered with DNR. Access to this database is located at <https://programs.iowadnr.gov/animalfeedingoperations/Help.aspx>

### Kansas

- Could not locate any CAFO information for Kansas.

## Missouri

- Missouri Department of Natural Resources maintains an interactive map of NPDES CAFOs plus any voluntarily registered AFOs. See <http://dnr.mo.gov/env/wpp/afo.htm>. A non-interactive map is found at <http://www.dnr.mo.gov/env/wpp/cafo/cafos8x11.pdf>. For further information, the Water Protection Program may be contacted at 573-751-1300 or E-mail: [cleanwater@dnr.mo.gov](mailto:cleanwater@dnr.mo.gov)

## Nebraska

- Nebraska Department of Environmental Quality (DEQ) maintains an interactive map for permitted facilities. The search options do not support identification of only permitted CAFOs under the NPDES program but the map does show the Livestock Waste Permitted Facilities. See <http://deqims.deq.state.ne.us/DEQ/index.jsp>.

## EPA Region 8

### Colorado

- EPA Enforcement & Compliance History Online (ECHO) - 249 facilities identified (See Download)
- Department of Public Health and Environment – Environmental Agriculture Program - <http://www.cdphe.state.co.us/oeis/eap/index.html> - No information identified
- Department of Agriculture - <http://www.colorado.gov/cs/Satellite/Agriculture-Main/CDAG/1167928197091> - Contains Premises Database but not publicly available
- Natural Resources Conservation Service - <http://www.co.nrcs.usda.gov/> - No information identified
- Farm Bureau - <http://www.coloradofarmbureau.com/> - No information identified
- Association of Conservation Districts - <http://cacd.us/> - No information identified

### Montana

- EPA Enforcement & Compliance History Online (ECHO) - 155 facilities identified (See Download)
- DEQ, Concentrated Animal Feeding Operations - <http://deq.mt.gov/wqinfo/MPDES/CAFO.mcpix> - No information identified
- Department of Agriculture - <http://agr.mt.gov/> - No information identified
- Montana State University Extension - [http://animalrangeextension.montana.edu/articles/natresourc/cnmp/main\\_menu.htm](http://animalrangeextension.montana.edu/articles/natresourc/cnmp/main_menu.htm) - No information identified.
- Natural Resources Conservation Service – <http://www.mt.nrcs.usda.gov/> - No information identified.
- Farm Bureau - <http://mfbf.org/> - No information identified.

### North Dakota

- EPA Enforcement & Compliance History Online (ECHO) - 41 facilities identified (See Download)

- Department of Health – AFO Program - <http://www.ndhealth.gov/WQ/AnimalFeedingOperations/AFOProgram.htm> - No information identified
- Farm Bureau - <http://www.ndfb.org/> - No information identified
- North Dakota State University State Feedlot Database - <http://www.ag.ndsu.nodak.edu/dickinso/staff/radtke/index.html>. This database doesn't designate any operation as AFO or CAFO. The attribute tables summarize the results of GIS operations. Therefore, this database cannot be used as an assessment tool. It is intended to evaluate the GIS capabilities in waste management/water quality area.
- Natural Resources Conservation Service – <http://www.nd.nrcs.usda.gov/> - No information identified

#### South Dakota

- EPA Enforcement & Compliance History Online (ECHO) - 92 facilities identified (See Download)
- DENR – CAFOs - <http://denr.sd.gov/des/sw/cafo.aspx> - No information identified
- Department of Agriculture - <http://sdda.sd.gov/> - No information identified
- Association of Conservation Districts - <http://www.sdconservation.org/> - No information identified
- Natural Resources Conservation Service – <http://www.sd.nrcs.usda.gov/> - No information identified
- Farm Bureau - <http://www.sdfbf.org/> - No information identified

#### Utah

- EPA Enforcement & Compliance History Online (ECHO) - 60 facilities identified (See Download)
- DEQ – UPDES Permits - [http://www.waterquality.utah.gov/UPDES/updes\\_f.htm](http://www.waterquality.utah.gov/UPDES/updes_f.htm) - No information identified
- Department of Agriculture and Food – CAFOs - <http://ag.utah.gov/divisions/conservation/cafo.html> - No information identified
- Natural Resources Conservation Service – <http://www.ut.nrcs.usda.gov/> - No information identified
- Farm Bureau - <http://utfb.fb.org/> - No information identified

#### Wyoming

- EPA Enforcement & Compliance History Online (ECHO) - 54 facilities identified (See Download)
- The Wyoming Department of Environmental Quality (DEQ) - [http://deq.state.wy.us/wqd/wypdes\\_permitting/WYPDES\\_CAFO/CAFO.htm](http://deq.state.wy.us/wqd/wypdes_permitting/WYPDES_CAFO/CAFO.htm) maintains a listing of WYPDES CAFO Permits (Notes Permit Expiration Date) at [http://deq.state.wy.us/wqd/wypdes\\_permitting/WYPDES\\_CAFO/Downloads/WYPDES%20CAFO%20Permit%20Expiration%20Dates.pdf](http://deq.state.wy.us/wqd/wypdes_permitting/WYPDES_CAFO/Downloads/WYPDES%20CAFO%20Permit%20Expiration%20Dates.pdf) (File Downloaded). This list was checked against the WYPDES CAFO permit list. Two CAFOs were listed on the permit list but were not in ECHO, and there were three CAFOs in ECHO that were not in the permit list. It is unknown which list is more accurate.
- DEQ NonPoint Source Feedlot Management Program - No information identified

- Department of Agriculture - <http://wyagric.state.wy.us/> - No information identified
- Natural Resources Conservation Service – <http://www.wy.nrcs.usda.gov/> - No information identified.
- Farm Bureau - <http://www.wyfb.org/> - No information identified
- Wyoming Business Council Ag Directory - <http://www.wyomingbusiness.org/agribusiness>  
Provides Google Map of Ag Businesses in the State, and identifies 175 facilities with the classification of Livestock/Farm Animals and provides address and contact information for the facility.

### *EPA Region 9*

#### Arizona

- A search of ECHO identified 14 permitted facilities. No other info found.

#### California

- ICIS lists only permitted CAFOs in CA, while PCS is listing both CAFOs and AFOs. Many regions in CA have permitted CAFOS through waste discharge requirements instead of NPDES permits, so the number of permitted facilities is underestimated.
- Also found a list of all animal feeding operations regulated in California through CIWQS.

#### Hawaii

- Guidance provided on the state Department of Health Website states that as of January 2010, there are no CAFOs in Hawaii. See page 3 of <http://hawaii.gov/health/environmental/environmental/water/wastewater/pdf/livestock.pdf>.
- EPA Region 9 indicates that there are 2 CAFOs in Hawaii. See <http://www.epa.gov/region9/animalwaste/hawaii.html> (last updated June 2011)

#### Nevada

- Could not locate any site specific information about CAFOs in Nevada. A search of EPA ECHO indicated that there are four permitted CAFOs in NV.

### *EPA Region 10*

#### Alaska

- Could not locate any CAFO information for Alaska.

#### Idaho

- Could not locate any CAFO information for Idaho. EPA is the permitting authority, but works in conjunction with the Department of Agriculture.

#### Oregon

- Found information for only a number of CAFOs in Oregon that were listed under a public notice. Whatever other CAFOs that are covered under the General Permit could not be identified.

- The Department of Agriculture is the authorized agency to implement the NPDES discharge program for CAFOs, so ICIS/PCS data were not available.

#### Washington

- Could not locate any CAFO information for Washington. The general CAFO permit is part of a split livestock program covered by an MOU with the Department of Ecology and Department of Agriculture. Ecology administers the permit and Agriculture provides inspections and technical assistance to CAFO permitted facilities and to dairies covered under the Dairy Nutrient Management Act.

#### Comparison of CAFO Data Sources

The following table compares the number of animal facilities found for each state through the USDA (CAFO numbers from Ag Census as provided by USDA), PCS, ICIS, and through the general internet search is provided below.

State	USDA			EPA ICIS	EPA PCS	Internet Search
	Total	Large	Medium			
Alabama	2,336	564	1,772	660	709	471
Alaska	1	1	0			N/D
Arizona	102	80	22		14	14
Arkansas	2,903	776	2,127			301
California	1,870	1,025	845	13	158	190
Colorado	350	196	154	91	42	213
Connecticut	31	7	24			N/D
Delaware	571	73	498			382
Florida	256	75	181	57	72	58
Georgia	2,477	1,082	1,395	43		N/D
Hawaii	15	4	11			N/D
Idaho	429	223	206	103		N/D
Illinois	1,377	512	865	23	17	N/D
Indiana	1,403	635	768	2	23	86
Iowa	6,187	2,498	3,689			144
Kansas	707	293	414			N/D
Kentucky	731	238	493		38	N/D
Louisiana	325	122	203			N/D
Maine	40	6	34			N/D
Maryland	633	150	483	7		554
Massachusetts	18	2	16			N/D
Michigan	797	229	568	3	16	233
Minnesota	3,185	1,141	2,044	11	4	N/D
Mississippi	1,597	580	1,017			43
Missouri	1,240	428	812	200		N/D

<b>State</b>	<b>USDA</b>			<b>EPA</b>	<b>EPA</b>	<b>Internet</b>
Montana	147	49	98	106		172
Nebraska	1,741	675	1,066	496		N/D
Nevada	38	9	29	3		N/D
New Hampshire	24	2	22			N/D
New Jersey	21	6	15			6
New Mexico	180	146	34	46		276
New York	679	159	520	1,055		N/D
North Carolina	3,921	1,625	2,296		1,159	2,710
North Dakota	133	49	84		3	42
Ohio	1,138	345	793		24	N/D
Oklahoma	787	177	610	163		9
Oregon	228	74	154			N/D
Pennsylvania	1,481	349	1,132	60		N/D
Rhode Island	2	1	1			N/D
South Carolina	647	272	375			N/D
South Dakota	859	307	552	2		94
Tennessee	633	102	531	16	56	544
Texas	1,602	691	911	625		595
Utah	207	69	138	56		63
Vermont	171	29	142			N/D
Virginia	877	188	689			N/D
Washington	355	146	209			N/D
West Virginia	266	68	198			N/D
Wisconsin	1,525	250	1,275	200		227
Wyoming	111	28	83			46
<b>Totals</b>	<b>47,354</b>	<b>16,756</b>	<b>30,598</b>	<b>4,041</b>	<b>2,335</b>	<b>7,473</b>

Note: N/D = No Numeric or Site-Specific Data