

DEPARTMENT OF ENVIRONMENTAL QUALITY



MARC RACICOT, GOVERNOR

STATE OF MONTANA

PUBLIC NOTICE NO. MT-99-06

Revised September 2, 1999

Purpose of Public Notice

The purpose of this notice is to state the Department's intention to reissue Montana Pollutant Discharge Elimination System (MPDES) General Permit To Discharge Process Waste Water From Concentrated Animal Feeding Operations (CAFOs) under the authority of MCA 75-5-402 and ARM 17.30.1301 et seq. and hold two public hearings.

Permit Information

APPLICANT NAME: Owners and operators of CAFO facilities

APPLICANT STATUS: Renewal

FACILITY LOCATION: Statewide

PERMIT NUMBER: MT-G010000

EXPIRATION DATE: August 31, 2004

The purpose of this notice is to state the Department's intention to issue a "General Discharge Permit" under the authority of MCA 75-5-402 and ARM 17.30.1201 et seq., Montana Pollutant Discharge Elimination System. The permit will allow discharges from concentrated animal feeding operations that meet the effluent limitations and other conditions specified in the permit. Applicants for the general discharge permit will be required to apply to the Department for written authorization. A MPDES permit is required to ensure that discharge limitations are met, water quality standards are complied with and monitoring is conducted where necessary.

CAFOs are required by the permit to contain all process-generated wastewater. CAFO facilities must be constructed and maintained to contain all contaminated runoff up to the amount of precipitation resulting from the 25-year, 24-hour storm event. The tentative general permit requires that facilities housing more than 1,000 animal units develop and implement a comprehensive plan to manage all livestock waste. Plan implementation is required within one year of receiving a written authorization from the Department.

A copy of the tentative permit and accompanying Environmental Assessment and Statement of Basis may be obtained by contacting:

Exhibit 6

Water Policy Subcommittee 9/22/99

The Department of Environmental Quality
Water Protection Bureau
P.O. Box 200901
Metcalf Building
Helena, Montana 59620
Phone (406) 444-3080.

Two public hearings were held to record public comment on the general permit at the following dates and locations:

1. Tuesday, August 24th from 7 PM to 10 PM
Student Union Ballroom, Montana State University-Billings Campus
1500 North 30th Street
Billings, Montana
3. Monday, August 30th from 7 PM to 10 PM
College of Technology Campus
Heritage Hall
2100 16th Ave. South
Great Falls, Montana

Register of Interested Persons

Any person interested in a particular application, or group of applications, may submit their name, address, and telephone number to the Department for the purpose of being included on the mailing list of persons with an interest in MPDES permit actions.

Public Comment

Public comments are invited ANYTIME PRIOR TO CLOSE OF BUSINESS, November 2, 1999. All comments received or postmarked PRIOR TO CLOSE OF BUSINESS November 2, 1999 will be considered in the formulation of final conditions to be included in the general permit.

If no objections are received within the specified comment period, the Department will issue a final determination within sixty days of the date of this notice. Additional information may be obtained upon request by calling (406) 444-3080, or by writing to the aforementioned address. The draft permit, environmental assessments, and related documents are available for review and reproduction at the aforementioned address.

GENERAL DISCHARGE PERMIT

CONCENTRATED ANIMAL FEEDING OPERATION

MONTANA DEPARTMENT OF ENVIRONMENTAL QUALITY

AUTHORIZATION TO DISCHARGE UNDER THE

MONTANA POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with Section 75-5-101 et seq., MCA and ARM 17.30.1301 et seq., ARM 17.30.1001 et seq. and ARM 17.30.601 et seq., applicants with an authorization letter for this "CONCENTRATED ANIMAL FEEDING OPERATION - GENERAL DISCHARGE PERMIT", are permitted to discharge process wastewater from concentrated animal feeding operations in the state of Montana, to waters of the state, in accordance with effluent limitations, monitoring requirements, and other conditions set forth in Parts I and II.

This permit shall become effective on September 1, 1999.

This permit and the authorization to discharge shall expire at midnight, August 30, 2004.

TENTATIVE

FOR THE MONTANA DEPARTMENT OF
ENVIRONMENTAL QUALITY

Frederick C. Shewman, P. E.
Permitting & Compliance Division

Dated this 13th day of May 1999

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PART I EFFLUENT LIMITATIONS AND WASTE DISPOSAL REQUIREMENTS

A. Effluent Limitations

Effective immediately upon issuance of an authorization under this general permit and lasting through the expiration date, the following effluent limitations apply to all of the Concentrated Animal Feeding Operations (CAFOs) covered by this permit: there shall be no discharge of process wastewater pollutants to the waters of the State of Montana except as provided for below.

1. A discharge of pollutants to surface waters of the state may occur whenever rainfall events, either chronic or catastrophic, cause an overflow of process wastewater from a facility designed, constructed, and operated to contain all process generated wastewaters plus the runoff from a 25-year, 24-hour, rainfall event for the location of the CAFO.

A map showing 25-year, 24-hour rainfall for Montana is given in Attachment A to this permit. The 25-year, 24-hour rainfall value for the location of the CAFO covered by this permit shall be determined from this map.

For purposes of determining compliance with the effluent limitations of this permit, the amount of precipitation that occurred shall be based on the data from the nearest weather station with a precipitation gage. See Attachment B for a map of weather stations in Montana. The permittee has the option of maintaining a functional and reliable precipitation gage at the facility.

2. A discharge of pollutants to state ground waters may only occur when the seepage or leachate volume from an existing CAFO, combined with the volume of ground water beneath the source, results in a ground water concentrations of nitrate plus nitrite as nitrogen ($\text{NO}_3 + \text{NO}_2 - \text{N}$) and fecal coliform bacteria in compliance with applicable human health standards given in Department Circular WQB-7 and the Administrative Rules of Montana (ARM) 17.30.1006. Except as specified by ARM 17.30.1006, a discharge of pollutants to state ground waters from a CAFO which is a new or increased source may only occur when the seepage or leachate volume combined with the volume of ground water beneath the source, results in a ground water $\text{NO}_3 + \text{NO}_2 - \text{N}$ concentration of 7.5 mg/L or less. These standards and limitations apply immediately below the discharge point or at the down-gradient boundary of an applicable ground water mixing zone.
3. The concentration of fecal coliform bacteria in ground water as a result of CAFO operations shall be less than one organism per 100 milliliters. This standard

applies at the down-gradient edge of an applicable mixing zone.

B Waste Disposal Requirements.

1. All land areas utilized by and operated under the authority of the permittee for the application of manure, other solid waste, and liquid wastes shall provide waste treatment through plant nutrient uptake during the growing season following application. Wastes shall be applied so as to prevent any pollutant from such materials from entering state waters, subject to the provisions as provided in permit conditions on "Effluent Limitations".
2. The land application rates of solid manure, liquid manure, or other solid or liquid wastes, shall not exceed agronomic uptake rates for nutrients. No land application under this section shall cause or contribute to a violation of water quality standards.
3. Irrigation practices shall be managed so as to prevent ponding of wastewater within the application area and minimize the occurrence of nuisance conditions such as odors and flies.
4. All facilities utilized by and operated under the authority of the permittee for the collection, storage, or treatment of manure, bedding materials, silage, feeds, feed concentrates and other substances having a waste contributing potential shall be managed to prevent any pollutant from such materials from entering state waters, subject to the provisions as provided in permit conditions on "Effluent Limitations".
5. All wastes from dipping vats, pest and parasite control units, and other facilities utilized for the application of hazardous or toxic chemicals shall be handled and disposed of in a manner that prevents any pollutant from such materials from entering state waters, subject to the provisions as provided in permit conditions on "Effluent Limitations" and then only in accordance with the provisions of any toxic pollutant effluent standards established pursuant to 75-5-304 MCA.

C. Comprehensive Nutrient Management Plans

1. All CAFOs having 1,000 animal units or more are required to have on site and implement a Comprehensive Nutrient Management Plan (CNMP) within 365 days (1 year) of the issuance date of the permit. The CNMP must be updated annually to quantify the amount of animal wastes generated by the facility and demonstrate how the facility provides treatment for these wastes through land application. The land application rate for CAFO-generated wastes shall be according to the conditions of the permit regarding "Waste Disposal Requirements". At a

minimum, the annual CNMP must provide for the following:

- a. modification of animal feeds to reduce the nutrient content of manure, minimize feed wastes and prevent feed wastes and feed additives from entering state waters;
 - b. manure handling and storage to prevent water pollution and minimize odors; diversion of clean water from contact with confinement lots, holding pens and stored manure; construction and maintenance of waste collection, conveyance and storage systems that prevent discharges of organic matter, sediment, nutrients, and pathogens to ground or surface water in amounts greater than that allowed by the effluent limitations and applicable water quality standards;
 - c. application of manure to cropland that balances soil and fertilizer nutrients with crop requirements; soils and manure testing to determine nutrient content; land application methods and timing that prevents the loss of nutrients to surface water and minimizes loss of nutrients to ground water; and calibration of application equipment to ensure the planned application rate; and
 - d. crop residue management, grazing management, and implementation of other conservation practices to minimize movement of soil, organic materials, nutrients, and pathogens from land application areas to surface and ground water.
2. The plan shall be signed by the owner and shall be retained on site in accordance with Part II.F. (Retention of Records) of this permit.

D. Monitoring and Reporting Requirements

1. The permittee shall report any surface water discharges to the Department within 24 hours or during the first business day following a discharge that occurs on a weekend or holiday.
2. The permittee shall provide the Department with the following information within five (5) days of any surface water discharge:
 - a. A description of the discharge and cause, whether excess precipitation, snow melt, or other causes (e.g., structural failure, equipment breakdown, flooding);

- b. The period of discharge, including exact dates and times;
 - c. An estimate of discharge rate;
 - d. Name of the receiving drainage or water body and a description of any visible effects on drainageways, water quality and aquatic life;
 - e. Name of person recording discharge;
 - f. Corrective steps taken, if appropriate; and
 - g. A record of the total precipitation at the official gage station identified with the facility, or at an on-site rain gage, for the period of weather that resulted in the discharge.
3. Any surface discharge resulting from a non-precipitation runoff event (e.g., dike or structural failure, equipment break down, human error) shall be described and reported to the Department as indicated in D.2 above.
 4. Monitoring of discharges to ground water from waste collection or storage facilities or land application areas may be required by the Department for CAFOs within areas having shallow ground water or soil materials in the unsaturated zone with low filtering capacity. (Such materials may include coarse-textured sediments or fractured bedrock.)

When required by the Department, the above information shall be sent to:
Montana Department of Environmental Quality
Water Protection Bureau
P.O. Box 200901
Helena, Montana 59620-0901
Phone: (406) 444-3080

5. Records shall be retained for a minimum of three (3) years or longer if required by the Department and must, at a minimum, document the following:
 - a. Annual number and class of livestock at the facility;
 - b. Tons of solid waste produced per year;
 - c. Tons of solid waste land-applied per year;

- d. Gallons of liquid waste produced per year;
- e. Gallons of liquid waste land applied per year;
- f. Annual acreage, location and crop cover, of area receiving waste applications;
- g. Total Kjeldahl nitrogen, nitrate-nitrogen and total phosphorus concentrations of applied wastes based on annual sampling

PART II GENERAL CONDITIONS

A. Facilities Operation

The permittee shall at all times maintain in good working order and operate as efficiently as possible all control facilities or systems installed or used by the permittee to achieve compliance with the terms and conditions of this permit.

- 1. Open lots and associated wastes shall be isolated from outside surface drainage by ditches, dikes, berms, terraces or other such structures designed to carry peak flows expected at times when the 25 year, 24-hr. rainfall event occurs.
- 2. Dead animals shall be properly disposed of within three (3) days unless otherwise provided for by the Director. Animals shall be disposed of in a manner to prevent contamination of state surface or ground waters or create a public health hazard.

B. Removed Substances

Solids, sludges, or other pollutants removed in the course of control of wastewaters shall be managed in a manner that prevents any discharge of pollutants to state waters in amounts in excess of the effluent limitations and applicable water quality standards.

C. Right of Entry

The permittee shall allow the Director of the Department, or authorized representatives, upon the presentation of credentials:

- 1. To enter upon the permittee's premises where an effluent source is located or in which any records are required to be kept under the terms and conditions of this permit; and
- 2. At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit; to inspect any monitoring equipment or monitoring method required in this permit; and to sample any pollutant storage area, discharge of pollutants, ground water monitoring point or

surface water.

D. Transfer of Ownership or Control

In the event of any change in control or ownership of facilities from which the authorized discharges emanate, the permittee shall notify the succeeding owner or controller of the existence of this permit by letter, a copy of which shall be forwarded to the Department.

E. Availability of Reports

Except for data determined to be confidential under Section 308 of the Act, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Department. As required by the Act, effluent data shall not be considered confidential. Knowingly making any false statements on any such report may result in the imposition of criminal penalties as provided for in Section 75-5-633, MCA.

F. Retention of Records

The permittee shall retain copies of all records required by this permit for a period of at least three years from the date reported.

G. Termination of Authorization

After notice and opportunity for a hearing, this authorization may be suspended, or revoked in whole or in part during its term for cause including, but not limited to, the following:

1. Violation of any terms or conditions of this permit;
2. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or
3. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.

H. Toxic Pollutants

If a toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established under Section 307(a) of the Act for a toxic pollutant which is present in the discharge and such standard or prohibition is more stringent than any limitation for such pollutant in this permit, this permit shall be revised or modified in accordance with the toxic effluent standard or prohibition and the permittee so notified.

- I. **Civil and Criminal Liability**
Nothing in this permit shall be construed to relieve the permittee from administrative, civil or criminal penalties for noncompliance.
- J. **Continuation of the Expired General Permit**
An expired general permit continues in force and effect until a new general permit is issued.
- K. **Duty to Mitigate**
The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit, which has a reasonable likelihood of adversely affecting human health or the environment.
- L. **Oil and Hazardous Substance Liability**
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject under Section 311 of the Act.
- M. **Property Rights**
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property to any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.
- N. **Severability**
The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.
- O. **Requiring An Individual Montana Pollutant Discharge Elimination System (MPDES) Permit**
The Director may require any owner or operator covered under this permit to apply for and obtain an individual MGWPCS permit if:
1. The discharge(s) is a significant contributor of pollution;
 2. The discharger is not in compliance with the conditions of this General Permit; or,
 3. Conditions or standards have changed so that the discharge no longer qualifies for a General Permit.

The owner or operator must be notified in writing that an application for an individual MPDES permit is required. When an individual MPDES permit is issued to an owner or operator otherwise authorized under this General Permit, the authorization under the General Permit to that owner or operator is automatically terminated upon the effective date of the individual MPDES permit.

P. Requesting An Individual MPDES Permit

Any owner or operator authorized under this General Permit may request to be excluded from the coverage by applying for an individual MPDES Permit.

Q. Requesting Authorization Under the General Permit

The owner or operator of a facility excluded from coverage by this General Permit solely because that facility already has an individual permit may request that the individual permit be revoked and that the facility be authorized by this General Permit. Upon revocation of the individual permit, this General Permit may authorize that facility.

R. Permit Modification, Revocation, Termination

This General Permit may be modified, revoked, reissued, or terminated with cause in accordance with the Consolidated Permit Regulation Requirements of 40 CFR Parts 122 and 124 (FR Volume 45 No. 98, May, 1980).

S. Reauthorization

Permittees may be reauthorized by the department operate under this General Permit after receipt of written notification no less than 180 days prior to its expiration date.

T. Reopener Provisions. This permit may be reopened and modified (following proper administrative procedures) to include the appropriate effluent limitations, compliance schedule, if necessary, or other appropriate requirements if one or more of the following events occurs:

1. Water Quality Standards: The water quality standards of the receiving water(s) to which the permittee discharges are modified in such a manner as to require different effluent limits than contained in this permit.
2. Water Quality Standards are Exceeded: If it is found that water quality standards or trigger values in the receiving stream or ground water are exceeded either for parameters included in the permit or others, the Department may modify the effluent limits or water management plan.
3. TMDL or Wasteload Allocation: TMDL requirements or a wasteload allocation is

developed and approved by the Department and/or EPA for incorporation in this permit.

4. Water Quality Management Plan: A revision to the current water quality management plan is approved and adopted which calls for different effluent limitations than contained in this permit.
5. Toxic Pollutants: A toxic standard or prohibition is established under Section 307(a) of the Clean Water Act for a toxic pollutant which is present in the discharge and such standard or prohibition is more stringent than any limitation for such pollutant in this permit.

PART III. DEFINITIONS

1. The "**25-Year 24-Hour Rainfall Event**" means the maximum 24-hour precipitation event with a probable recurrence interval of once in 25 years, as defined by the National Weather Service in Technical Paper Number 40, "Rainfall Frequency Atlas of the United States," May 1961, and subsequent amendments, or equivalent regional or state rainfall probability information developed therefrom.
2. "**Act**" means the Montana Water Quality Act.
3. "**Agronomic rates**" means the recommended number of pounds of nutrient elements per acre required to achieve realistic crop yield goals as given in Montana State University Extension Bulletin 104, February, 1992, for the growing season following application.
4. "**Animal feeding operation**" means a lot or facility (other than an aquatic animal production facility) where animals have been, are, or will be stabled or confined and fed or maintained for a total of 45 days or more in any 12-month period, and the animal confinement areas do not sustain crops, vegetation, forage growth, or post-harvest residues in the normal growing season. Two or more animal feeding operations under common ownership are a single animal feeding operation if they adjoin each other, or if they use a common area or system for the disposal of wastes .
5. "**Animal unit**" means a unit of measurement for any animal feeding operation calculated by adding the following numbers: The number of slaughter and feeder cattle and dairy heifers multiplied by 1.0, plus the number of mature dairy cattle multiplied by 1.4, plus the number of swine weighing over 55 pounds multiplied by 0.4, plus the number of sheep multiplied by 0.1, plus the number of horses multiplied by 2.0. (CFR 40, Part 122, Appendix B).

6. **"Concentrated Animal Feeding Operation"** means an "animal feeding operation" which meets the criteria in 40 CFR part 122, Appendix B, or which the Director designates as a significant contributor of pollution pursuant to 40 CFR 122.23. Animal feeding operations defined as "concentrated" in 40 CFR part 122 Appendix B are as follows:

a. New and existing operations which stable or confine and feed or maintain for a total of 45 days or more in any 12-month period more than the numbers of animals specified in any of the following categories:

1. 1,000 slaughter or feeder cattle;
2. 700 mature dairy cattle (whether milking or dry cows);
3. 2,500 swine weighing over 55 pounds;
4. 500 horses;
5. 10,000 sheep or lambs;
6. 55,000 turkeys;
7. 100,000 laying hens or broilers when the facility has unlimited continuous flow watering systems;
8. 30,000 laying hens or broilers when facility has liquid manure handling system;
9. 5,000 ducks; or
10. 1,000 animal units from a combination of slaughter steers and heifers, mature dairy cattle, swine over 55 pounds and sheep;

b. New and existing operations which discharge pollutants into state waters either through a man-made ditch, flushing system, or other similar man-made device, or directly into state waters, and which stable or confine and feed or maintain for a total of 45 days or more in any 12-month period more than the numbers or types of animals in the following categories:

1. 300 slaughter or feeder cattle;

2. 200 mature dairy cattle (whether milk producing or dry cows);
3. 750 swine weighing over 55 pounds;
4. 150 horses;
5. 3,000 sheep or lambs;
6. 16,000 turkeys;
7. 30,000 laying hens or broilers when the facility has unlimited continuous flow watering systems;
8. 9,000 laying hens or broilers when the facility has a liquid manure handling system;
9. 1,500 ducks; or
10. 300 animal units (from a combination of slaughter steers and heifers, mature dairy cattle, swine over 55 pounds and sheep).

Provided, however, that no animal feeding operation is a concentrated animal feeding operation as defined above if such animal feeding operation discharges only in the event of a 25-year, 24-hour storm event.

7. **"Department"** means the Montana Department of Environmental Quality.
8. **"Director"** means the Director of the Department of Environmental Quality or his/her designee.
9. **"Discharge of pollutants"** means any addition of any pollutant or combination of pollutants to state waters from any point source (ARM 17.30.1304(16)).
10. **"New or increased source"** means an activity resulting in a change of existing water quality occurring on or after April 29, 1993. The term does not include the following:
 - a. sources from which discharges to state waters have commenced or increased on or after April 29, 1993, provided the discharge is in compliance with the conditions of and does not exceed the limits established under or

determined from, a permit or approval issued by the Department prior to April 29, 1993;

- b. nonpoint sources discharging prior to April 29, 1993;
- c. withdrawals of water pursuant to a valid water right existing prior to April 29, 1993; and
- d. activities or categories of activities causing nonsignificant changes in existing water quality pursuant to ARM 17.30.715, 17.30.716, or 75-5-301 (5) ©, MCA.

- 11. **"Pollutant"** means dredged spoil, solid waste, incinerator residue, sewage, garbage, sewage sludge, munitions, chemical wastes, biological material, radioactive materials, heat, wrecked or discarded equipment, rock, sand, cellar dirt, and industrial, municipal, and agricultural wastes discharged into water (ARM 17.30.1304(42)).
- 12. **"Process wastewater"** shall mean any process generated wastewater and any precipitation (rain or snow) which comes into contact with any manure, litter or bedding, or any other raw material or intermediate or final material or product used or resulting from animals or poultry.
- 13. **"State Waters"** means a body of water, irrigation system, or drainage system, either surface or underground; except irrigation waters where the waters are used up within the irrigation system and the waters are not returned to any other state waters.

I N T E R
O F F I C E

MEMO

TO: Bonnie Lovelace, Chief, Water Protection Bureau

FROM: Franklin Gessaman, Chief, Case Management Bureau *FG*

DATE: September 3, 1999

SUBJECT: Requested information on CAFO complaints and enforcement actions

A review of the Department's enforcement files reveals that only three Enforcement Requests have been received since July 1996 for violations involving the operation of confined animal feeding operations (CAFO). One requests an administrative action against Agri-Systems, a pork production operation near Hardin. That request was withdrawn after the Department determined that it could not prove that the owner had placed animal waste where it would contaminate state water or that the agricultural application rates of the waste were above those allowed in the operation's permit. An administrative penalty of \$4,000 was calculated in anticipation of litigation.

The Enforcement Division has received two other requests for enforcement to resolve violations of permitting and water quality requirements at confined feeding operations. These cases address CAFO-related violations at Yellowstone Feeders near Billings and at the Pondera Hutterite Colony near Dupuyer. Yellowstone Feeders failed to obtain a CAFO permit; the Pondera Colony disposed of animal waste in a manner not authorized by their permit. Both of these cases are in case development. Penalty calculations will not be completed until our review and evaluation of factual information related to the case is complete.

Attached is a list of complaints that the Department has received on CAFOs.

If you have any questions, please call Ed Thamke, John Arrigo or me at 0379.

CONCENTRATED ANIMAL FEEDLOT OPERATION (CAFO) COMPLAINTS AS OF 9/2/99

CVID RESPONSIBLE PARTY	COMPLAINT:	STATUS:	DATE RECEIVED	SUGGESTED ACTION / ACTION TAKEN	DATE REFERRED	DEQ_REFE
3360 JEFFERSON COUNTY -UNKNOWN (CAFO)	CORRAL CONTAINING 3 MULES IS BUILT ON STEEP HILLSIDE IMMEDIATELY ADJACENT TO THE CREEK. CREEK RUNS THROUGH THE CORRAL FOR ITS FULL LENGTH. STEEP, DENUDED, AND MANURE COVERED CORRAL AREA DRAINS DIRECTLY INTO CREEK. SITE HAS HISTORIC USE AS CORRALS. USE MAY BE INTERMITTENT BUT LACKS VEGETATION AND IS MANURE COVERED NOW. SITE IS NEXT TO COUNTY ROAD AND IS HIGHLY VISIBLE. LUMP GULCH IS LISTED ON THE MONTANA 303D LIST AS IMPAIRED, IN PART DUE TO SUSPENDED SEDIMENTS. COMPLAINANT REPORTS ACTIVITY AS ONGOING.	A 1 SM	06/07/99	IDENTIFY LANDOWNER AND/OR RP. VALIDATE WITH PHOTO DOCUMENTATION FOR POSSIBLE REFERRAL TO WPB-CAFO PERMITS.		CONTACT
2929 LEWIS AND CLARK COUNTY -SPALDING, GARY AND MARY	R.P. HAS THREE HORSES AND A COW IN A LESS THAN 1/4 ACRE, BARE-GROUND ENCLOSURE. COMPLAINANT'S DRINKING WATER WELL IS ABOUT 100 FEET AWAY FROM ENCLOSURE AND SLIGHTLY DOWNSLOPE. HE IS CONCERNED THAT MANURE EFFLUENT AND RUNOFF FROM ENCLOSURE IS CONTAMINATING HIS WELL. NEIGHBORS (ED AT 458-8673 AND THE JARRETT'S AT 458-6055) HAVE SPOKEN WITH COMPLAINANT ABOUT SIMILAR CONCERNS. HE HAS NOT TESTED HIS WELL FOR CONTAMINANTS. IT IS SEALED AND WAS INSTALLED BY LINDSEY OF CLANCY, MONTANA. THE WELL IS EITHER 50 FEET OR 100 FEET DEEP. PROBLEM HAS BEEN ONGOING FOR AT LEAST SEVEN YEARS.	A 1 SM	01/04/99	1) CONTACT COUNTY SANITARIAN'S OFFICE AND GET WELL SAMPLING INFORMATION. TRANSFER TO COMPLAINANT. ASK COMPLAINT TO SAMPLE WELL AND SUBMIT RESULTS TO ENFD. 2) VALIDATE POTENTIAL DISCHARGE WITH FIELD VISIT.		
2741 LINCOLN COUNTY -HOMEN, LARRY AND LAURIE	PREVIOUS COMPLAINT CVID 2101; RP'S HAVE MOVED ANIMALS FROM FLAT AREA BY CREEK, BUT THE NEW SITE IS EVEN SMALLER AND LOCATED ON A STEEP HILLSIDE. THE LOWER FENCELINE IS ABOUT 2 FEET FROM THE CREEK, AND MANURE WILL RUN IN IT WITH THE NEXT PRECIPITATION EVENT. THIS SMALL CREEK RUNS INTO DODGE CREEK. ALSO, COMPLAINANT AND OTHERS USE WATER FROM THE SMALL CREEK FOR DOMESTIC USES, INCLUDING DRINKING. VERY CONCERNED ABOUT THE WATER QUALITY IMPACTS. COMPLAINANT REPORTS DURATION OF ACTIVITY IS ONGOING.	A 1 SM	10/23/98	FIELD VALIDATE; CONTACT COMPLAINANT WHO CAN GIVE DIRECTIONS TO SITE OVERLOOKING VALLEY. SAMPLE THE SPRING CREEK UPSTREAM AND DOWNSTREAM OF ANIMAL HOLDING SITE FOR COLIFORMS. MAY ALSO WANT TO SAMPLE RP'S WELL WHICH IS LOCATED IN THE SAME AREA AS THEIR OUTHOUSE AND THE ANIMAL HOLDING AREA.		
2902 PRAIRIE COUNTY -KHEUN, CLARENCE	LIVESTOCK WASTE CONTAMINATION AND POSSIBLE SEPTIC DISCHARGE TO A BRACKET CREEK. COMPLAINANT REPORTS THIS AS A 40-YEAR ACCUMULATION.	1 RF	12/08/98	CALL DENNIS SNOW AND ARRANGE SITE VISIT. DOCUMENTATION BY COUNTY RS.		
3051 TETON COUNTY -DEBRUYCKER, MARK	MCGILLIS RANCH BEING LEASED BY R.P. HE HAS A CAFO OPERATION TOO CLOSE TO TETON RIVER. RUNOFF FROM CORRALS IMPACTING RIVER. ACTIVITY IS ONGOING.	A 1 SM	03/01/99	5/13/99 LA CONDUCTED FIELD INVEST SEE SEQ#322 DOCUMENT WHO IS LEASING LAND AND RUNNING CAFO. FIELD VALIDATE FOR POSSIBLE REFERRAL TO WPB (TIM BYRON).		
		*** 5				
3108 CASCADE COUNTY -CURTISS, ROY AND BARBARA	EFFLUENT FROM BISON CORRAL APPEARS TO ENTER STATE WATERS (VAUGHN SLOUGH). CAFO PERMIT REQUIRED. SEE VAUGHN SLOUGH WATER QUALITY REPORT WITH PHOTOS. ACTIVITY IS ONGOING.	AREF 1 SM	03/19/99	VIOLATION NOTED IN VAUGHN SLOUGH WATER QUALITY REPORT. R.P. HAS COPY OF REPORT. REFER COMPLAINT MATERIALS TO WATER PROTECTION BUREAU.	03/22/99	TIM BYRO
308 CUSTER COUNTY -MILLER, JOE	BN RIGHT-OF-WAY HORSE CORRAL/WASTE JUST SOUTH OF 96019B	AREF 1 RF	03/20/96	11/6/97 NOTE FROM TIM BYRON STATED A FOLLOWUP INSPECTION IS NEEDED. ROB DID FIELD INVESTIGATION 5/29/96. A drainage channel exists in the pens that discharges to the Tongue River at the east end of the site. At the time of the inspection the pens had a heavy accumulation of animal waste in them. Mr. Miller said the pens are cleaned out annually, i.e. after they dry out.	11/01/96	TIM BYRO
1157 LEWIS AND CLARK COUNTY -UNKNOWN	VIVIAN DRAKE OF THE LEWIS AND CLARK WATER QUALITY DISTRICT AND STEVE KILBREATH, R.S. INSPECTED SITE ON 5/28/97. FOUND 16 HORSES ON LESS THAN 1/2 ACRE WITH SIGNIFICANT AMOUNT OF MANURE PRESENT; CONFINED PEN AREAS, RARELY CLEANED. THREAT TO WATER QUALITY AND HUMAN HEALTH - WELLHEADS DOWNGRADIANT. HIGH WATER TABLE IN AREA. ALSO, INSECTS DUE TO MANURE. URINE PUDDLES PRESENT. WAITING FOR RESPONSE FROM BRYON	AREF 1 SM	06/13/97	REFER TO TIM BYRON - CONFINED FEEDLOT	06/24/97	TIM BYRO
1363 MINERAL COUNTY	CORRAL IS BUILT AROUND CREEK CHANNEL. ANIMAL WASTE IS BEING	AREF 1 SM	08/11/97	11/6/97 INITIAL INSPECTION NEEDED PER WPB UPDATE MEMO.	08/12/97	TIM BYRO

CONCENTRATED ANIMAL FEEDLOT OPERATION (CAFO) COMPLAINTS AS OF 9/2/99

CVID RESPONSIBLE PARTY.....	COMPLAINT.....	STATUS: #.	ASSIGNED:	DATE RECEIVED	SUGGESTED ACTION / ACTION TAKEN.....	DATE REFERRED	CLOSURE_DATE:	DEQ_REFE CONTACT
-WALSH, TOM & JOANNI	WASHED DOWN INTO CREEK. NO VEGETATION IN CORRAL, FEED IS BROUGHT IN. HORSES IN CORRAL WHICH IS APPROX. 40 FT. WIDE, 60 FT. LONG AND COMES TO A "V" SHAPE AT THE BOTTOM WHERE IT EXITS INTO CREEK.	AREF	1	05/06/96	REFER TO TIM BYRON OF PERMITTING AND COMPLIANCE DIVISION. VALIDATED BY MINERAL C.D. ON 8/10/97. WAITING FOR RESPONSE FROM BYRON.			
480 PARK COUNTY -MILLER RANCH/STAFFORD PLAC	HOLDING PENS DRAINAGE TO BILLMAN CREEK APPX 100 HEAD FOR APPX 6 MONTHS/YEAR.	AREF	1	05/06/96		12/24/97		TIM BYRO
417 PARK COUNTY -LLOYD, FERREL	CATTLE WASTE DRAINED TO CREEK	AREF	1	08/15/96	6/25/98 RECEIVED ROB'S FIELD INVESTIGATION AND REFERRED TO TIM BYRON. PHOTOGRAPHS ON LOAN.	06/25/98		TIM BYRO
418 PARK COUNTY -STRONG, BILL	HORSE CORRAL DRAINAGE TO BILLMAN CREEK	AREF	1	08/15/96	5/28/98 ROB INDICATED HE HAS DONE FIELD INVESTIGATION AND IS IN PROCESS OF REFERRING TO TIM BYRON.	04/02/98		TIM BYRO
1061 RAVALLI COUNTY -OXO RANCH	DROVE BY SITE - HORSES CONFINED IN PADDOCK. NO VEGETATION. MCCALLA CREEK RUNS THROUGH CENTER OF PADDOCKS. BOTH SIDES OF PADDOCK SLOPE TO CREEK. COMPLAINT VALIDATED 5/9/97 BY VICKI SULLIVAN.	AREF	1	05/09/97	4/2/98 COMPLAINT REFERRED TO WPB. PHOTOGRAPHS ON LOAN. RESTRICT ACCESS - MAINTAIN VEGETATION BUFFER OR BERM. REFER FOR POSSIBLE PERMIT NEEDS.	06/24/97		TIM BYRO
2406 SWEET GRASS COUNTY -TODD, DONALD OR LAURIE	DRAINAGE DISCHARGE FROM CAFO TO POND ON NEIGHBOR'S PROPERTY VIA TENMILE CREEK. POND FUNCTIONING AS LAGOON.	AREF	1	07/06/98	11/6/97 INITIAL INSPECTION NEEDED PER WPB UPDATE MEMO. REFER TO TIM BYRON. WAITING FOR FI AND RESPONSE BY BYRON.	06/24/97		TIM BYRO
154 TREASURE COUNTY -MACKELY, KEN	CONFINED ANIMAL FEEDING OPERATION. DRAINAGE RUNS DIRECT TO YELLOWSTONE RIVER.	AREF	1	07/18/96	11/9/98 REFERRED TO WPB BASED ON ROB'S 7/14/98 FIELD INVESTIGATION. VERIFY DISCHARGE/IMPACT. REFER TO CAFO PERMITTING FOR COMPLIANCE NEEDS. APPOINTMENT WITH JIM REGAN FOR ONSITE INSPECTION ON 7/14/98.	11/09/98		TIM BYRO
1160 VALLEY COUNTY -GLASGOW STOCKYARDS, INC	WASTE DISCHARGE TO DRAINAGE THAT EMPTIES INTO MILK RIVER - ODOR	AREF	1	06/13/97	11/6/97 "INITIAL INSPECTION NEEDED" PER WPB UPDATE MEMO. RLF DID INVESTIGATION 8/7/96. PROGRESSING WELL TOWARDS COMPLIANCE. PROTECTIVE BERMS PREVENTING DRAINAGE FROM MAIN CONFINEMENT AREA CONSTRUCTED, WILL BE FENCED. LAGOONS CONSTRUCTED TO RECEIVE WASTE RUNOFF. LAGOONS MAY BE UNDERSIZED, SOUTH PEN RECEIVING EXCESS.	01/17/97		TIM BYRO
2579 VALLEY COUNTY -CORNWELL, LYNN	FEEDLOT GOING IN AND COMPLAINANT CONCERNED ABOUT IMPACT ON HER PROPERTY 2 MILES DOWNSTREAM. THINKS MAY HAVE BUILT IN FLOODPLAIN AND DOES NOT SEE ANY SURFACE WATER CONTROLS. COMPLAINANT REPORTS DATE OBSERVED IS SPRING OF 1998.	AREF	1	09/02/98	TRAVIS WEST - SAN. HAS PICTURES OF THE SITUATION. ROB FOSTER DOCUMENTED PAST COMPLAINT 93-14B. LOCAL SCS WORKING WITH RP TO SOLVE SITUATION	03/05/98		TIM BYRO
1601 YELLOWSTONE COUNTY -SHERRODD, T.E. "BUD"	RP OPERATING A FEEDLOT KEEPING CATTLE "RIGHT IN THE CREEK". THE RP HAS DISPOSED OF BARRELS (UNKNOWN CONTENTS, COULD BE USED OIL OR PESTICIDES) IN THE CREEK.	AREF	1	10/16/97	ED DISCUSSED WITH TIM BYRON WHO CHECKED HIS DATABASE TO SEE IF THERE HAVE BEEN ANY PERMITS APPLIED FOR OR ISSUED, THERE WAS NOT. TIM VOLUNTEERED TO TAKE THE COMPLAINT REFERRAL SINCE WE AGREED IT WAS LIKELY THAT A PERMIT WAS REQUIRED AND NO ENFD TRIPS ARE PLANNED TO AREA IN NEAR FUTURE.	09/03/98		TIM BYRO
2129 YELLOWSTONE COUNTY -RUSSELL BECKER DAIRY	MANURE FLOW TO DITCH FROM DAIRY OR FEEDLOT	AREF	1	04/30/98	4/15/99 LA CONDUCTED FIELD INVEST. SEE SEQ# 309 4/5/99-4/9/99 LA LEFT APPROX. FOUR MESSAGES FOR MR. SHERRODD CONCERNING SITE VISIT. MR. SHERRODD FAILED TO RETURN ANY CALLS. 3/31/99 COMPLAINT REASSIGNED TO LARRY ALHEIM. ROB ADDRESS AND RESOLVE. LET TIM BYRON KNOW IF CAFO.	05/14/99		TIM BYRO
3257 YELLOWSTONE COUNTY -WEATHERWAX, JIM	POSSIBLE CAFO, IMPACTED CREEK FLOWS INTO A POND WHICH DISCHARGES TO AN IRRIGATION CANAL. THE CANAL IS FLOODED SEASONALLY BY THE COUNTY. RP WAS UNSURE IF THE CANAL LED TO THE YELLOWSTONE RIVER. RP WAS COMPLAINANT ON CVID 1601 CONCERNING BUD SHERRODD AND WANTS TO ENSURE HE IS NOT IN VIOLATION ALSO. RP REPORTS ACTIVITY AS ONGOING.	AREF	1	05/10/99	5/7/99 LA DISCUSSED CAFO INFO WITH TIM BYRON FOR AREF. 4/15/99 LA CONDUCTED FIELD INVEST. SEE FIELD INV SEQ#308. 3/31/99 REASSIGNED TO LARRY ALHEIM. VALIDATE CONDITIONS, CONSIDER CAFO REQUIREMENTS. REFER TO TIM BYRON IF DOCUMENTATION DETERMINES CAFO NEEDED.	05/10/99		TIM BYRO

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2800 CARBON COUNTY -CARYL, KEN	CATTLE PEN RUNOFF ENRICHED WITH LIVESTOCK WASTE FLOWING TO IRRIGATION/DRAINAGE DITCH AND INTO RED LODGE CREEK. ACTIVITY IS ONGOING.	C	1 RF	06/26/98	3/23/99 - DK CONTACTS BONITA L. DANIEL. FOLLOW-UP SEQ NO. 930 3/15/99 - DK CONDUCTS SITE VISIT. REFER TO FIR SEQ NO. 259. REFERRAL TO CAFO PERMITS FOR DESIGN NEEDS TO ELIMINATE DISCHARGE.		03/26/99	
2474 GALLATIN COUNTY -SKYVILLE FARM	COMPLAINANT HAS SPRING-FED CREEK (CORT SPRINGS) WHICH DRAINS INTO REESE CREEK THEN EAST GALLATIN. R.P.'S PIGS ARE IN CREEK AND DAMAGING STREAM BANK. COMPLAINANT CONCERNED ABOUT PIG WASTE IN CREEK AND CONDITION OF CREEK (VALUE OF PROPERTY AND WATER QUALITY).	C	1 KF	08/05/98	9/3/98 BASED ON SITE INVESTIGATION KF LTR TO DAVE WENDELL SUGGESTING KEEP PIGS FENCED; EXCREMENT IN CREEK A VIOLATION OF WQA. CLOSE-NFA VALIDATE AND DOCUMENT, THEN REFER TO WPB IF CAFO PERMIT NEEDED.		09/03/98	
3181 JEFFERSON COUNTY -PRITCHARD, STEVE	NEW PERSON TO THE AREA FROM TEXAS HAS FOUR HORSES; BUILT A BUILDING WITH GARAGE DOORS WITH BACKSIDE MADE FOR FEEDING HORSES. OBSERVED STOCKPILED HORSE MANURE FALLING OVER THE EDGE OF CREEK BANK AND INTO THE CREEK.	C	1 DK	04/12/99	4/15/99 - DK RETURNS TO SITE AT 1740 AND CONTACTS RP. SEE FUA SEQ# 975 4/14/99 - DK CONDUCTS SITE VISIT. NO ONE HOME. LEAVES WARNING LETTER AND INFO ON ANIMAL WASTE MANAGEMENT DAN WILL LOOK AT ON 4/14/99.		04/16/99	
2095 LINCOLN COUNTY -SMITH, SHERRY	COMPLAINANT CONCERNED OVER MS SMITH CREATING A HOG CONFINEMENT ADJACENT TO THEIR SHARED PROPERTY BOUNDARY. GROUND WATER (~30' WELL) AND RUN-OFF FLOW WILL HEAD TOWARD SWAMP CREEK (200') OFF A 6-8% SLOPE. AREA APPEARS TO BE UNSUITABLE BUT RP MAY HAVE BETTER GROUND TO CONFINE ANIMALS. COMPLAINANT HAS ASKED RP TO MOVE HOGS BECAUSE THEY ARE WITHIN 50' FROM THEIR WELL AND ~100' FROM HOUSE AND IS CONCERNED ABOUT WATER QUALITY AND ODOR.	C	1 DR	04/27/98	06/03/98 DR:CLOSED COMPLAINT, ADVISED COMPLAINANT NOT A WQ VIOLATION. DO FIELD INVESTIGATION TO VALIDATE AND DOCUMENT CONDITIONS. IF COMPLAINANT WILL NOT VOLUNTARY MOVE HOGS, REFER TO WPB-MPDES FOR CAFO.		06/03/98	
64 MISSOULA COUNTY -HANDLEY, ROY	FEEDLOT AT SWARTZ CREEK IS CAUSING POLLUTION	C	1 JM	02/18/94	Joe Meek investigated site 3/10/94. Worked with PRP to correct problems.		03/10/94	
1796 RAVALLI COUNTY -THOPT, BOB	ALLOWING MANURE TO ENTER SURFACE WATER. 100 - 150 CATTLE NOW (LAST YEAR 400 HEAD) BROUGHT IN TO AN AREA ALONG THE STREAM FOR WINTER FEEDING. STREAM IS NOT FENCED OFF. MANURE RUNS OFF INTO THE STREAM DURING SPRING RUNOFF AND HE ALSO PUSHES MANURE INTO THE STREAM WITH A TRACTOR IN THE SPRING. HAS BEEN MISMANAGING MANURE AT THIS SITE FOR AT LEAST 10 YEARS. POSSIBLE SEDIMENTATION AND EROSION PROBLEMS.	C	1 VS	12/10/97	FI ON 2-10-98 BY SULLIVAN AND RISE. THOPT NOT HOME BUT COULD SEE SITE FROM ROAD. ALSO LOOKED AT SITE FROM BACK YARD WHILE TRYING TO LOCATE OWNERS. DRY DRAW BEHIND FEED LOT, CONFINED AREA FENCED FROM DRAW, AND VEGETATED BUFFER EXISTS BETWEEN DRAW AND CONFINED AREA. LARGER PASTURE LOCATED ON OTHER SIDE OF DRAW WAS WELL VEGETATED AND ONLY A FEW COWS LOCATED IN THIS PASTURE. APX 50 COWS IN CONFINED AREA. DRAW IS DRY, NO FLOWING WATER AT TIME OF INSPECTION. WILL FOLLOW UP WITH THOPT TO MAKE SURE MANURE DOES NOT GET PUSHED INTO DRAW. NO EVIDENCE OF THAT OCCURRING NOTED AT FI.		02/10/98	
			***	6				
390 STILLWATER COUNTY -WESCHEN FELDER FEEDLOT	CONTAMINATION DISCHARGE TO SURFACE & GROUNDWATER IE ODOR OF FEEDLOT IN WELLS OF AREA	CNEI	1 RF	08/29/96	3/23/99 ED CLOSED THIS COMPLAINT FOR LACK OF VERIFIABLE INFORMATION THAT THE NOW DEFUNCT FEEDLOT IS CONTRIBUTING TO GROUND WATER PROBLEMS. 3/10/99 SEE FOLLOWUP SEQ#908. 5/28/98 ROBS SAYS FOLLOWUP PENDING FOR CREF. RLF INVESTIGATED 6/05/96, PUBLIC ROAD THRU MIDDLE OF SITE, ROB VIEWED FROM ROAD, NEEDS TO GO BACK.		03/23/99	
			***	1				
2224 BIG HORN COUNTY -AGRI-SYSTEMS, INC.	RUNOFF FROM MANURE STOCKPILE. ACTIVITY WAS OBSERVED SEVERAL DAYS PRIOR TO 5/5/98 AND HAS BEEN ONGOING SINCE REQUIREMENT BY DEQ TO REMOVE ACCUMULATED WASTE FROM FORMER PONDS.	CNV	1 ET	05/05/98	ED THAMKE VISITED SITE ON 5/27/98. FIELD INVESTIGATION REPORT TO FOLLOW.		06/05/98	
3203 MUSSELSHELL COUNTY -ADOLPH, HARVEY	COMPLAINANT HAS A COMMUNITY SUPPLY WELL THAT SERVES SIX HOMES. SOME ARE HER FAMILY, A COUPLE ARE VACANT RENTALS. THE RP HAS PUT EIGHT GOATS AND ONE DONKEY ON ONE CITY LOT. THE RUNOFF FROM THE CONFINED ANIMAL PENS RUNS ONTO THE COMPLAINANT'S PROPERTY AND MAY BE IMPACTING HER WELL. SHE HAS NO MONEY AND CANNOT RENT THE HOUSES DUE TO THE GOATS AND HER CONCERN ABOUT	CNV	1 RF	04/21/99	CALL COMPLAINANT TO SET UP TIME TO SAMPLE HER WELL. SAMPLE FOR AMMONIA AS NITROGEN; FECAL COLIFORM BACTERIA; NITRATE PLUS NITRITE AS NITROGEN. LOOK FOR POSSIBLE CAFO ISSUES AND LOOK AT THE WOOD WASTE WHILE AT THE SITE. ALSO TRY TO GET ADDRESS AND MAILING FOR RP.		05/11/99	

CONCENTRATED ANIMAL FEEDLOT OPERATION (CAFO) COMPLAINTS AS OF 9/2/99
 INC COUNTY/

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	WATER. SHE CANNOT AFFORD TO SAMPLE HER WELL TO DEMONSTRATE A POTENTIAL CAFO PROBLEM AND IS BEGGING FOR HELP. SHE IS ALSO CONCERNED ABOUT GEBHARDT'S WOOD WASTE PILE ENCRACHING ON HER PROPERTY (TWO PREVIOUS COMPLAINTS LOGGED IN AND ARE ACTIVE REFERRED TO PAT CROWLEY OF SOLID WASTE). COMPLAINANT REPORTS ACTIVITY IS ONGOING.							
		***	2					
1705 BIG HORN COUNTY -AGRI-SYSTEMS, INC.	HOG IMPOUNDMENT SEWAGE LAGOONS INSTALLED OVER PRAIRIE DOG TOWN CAUSING THEM TO LEAK. COMPLAINANT CONCERNED ABOUT POSSIBLE GW CONTAMINATION AND SURFACE WATER PROBLEMS. COMPLAINANT WANTS TO MAKE SURE THAT PERC TESTS AND ALL DATA DOCUMENT SOUND LAGOONS BEFORE THE RP IS ALLOWED TO STORE WASTE. BUSINESS HAS ONLY BEEN REOPENED FOR ONE WEEK AND ALREADY HAVE PROBLEMS. PAST PRACTICES ALSO CREATED ODOR NUISANCE FOR PEOPLE LIVING IN AREA. COMPLAINANT ADVISED ED THAT WE ARE LIKELY TO HEAR FROM SEVERAL COMPLAINANTS CONCERNED ABOUT THIS PLANT. SOME MAY BE DIRECTLY IMPACTED BECAUSE THEY LIVE DOWN GRADIENT OF THE OPERATION.	1	DR	11/06/97	4/14/99 SEE FOLLOWUP SEQ#970. CPRO VIA TIM BYRON. 3/19/99 REASSIGNED TO DAVID RISE TO BE CONSISTENT WITH OTHER AGRI-SYSTEM COMPLAINTS. TIM BYRON AND ROB FOSTER VISITED SITE ON 11/5/97 AND VALIDATED PROBLEM. TIM ALSO SPENT TIME WITH COMPLAINANT AND DID A GOOD JOB RESPONDING TO CONCERNS. TIM RECOMMENDED THAT COMPLAINANT CALL ENFD TO DOCUMENT COMPLAINT. RECOMMEND REFERRING ALL COMPLAINTS ON THIS PLANT THAT DEAL WITH WHAT TIM IS WORKING ON TO TIM.	11/06/97	04/14/99	TIM BYRO
534 CUSTER COUNTY -MCDANIEL, JACK	POTENTIAL DISCHARGE FROM FEEDLOT PENS TO TONGUE RIVER.	1	RF	03/20/96	RLF INVESTIGATED 4/2/96. SEVERAL CATTLE CONFINEMENT PENS ARE SUBJECT TO HIGH WATER FROM THE RIVER, STORM WATER AND SNOW MELT. WATER THAT FORMS POOLS IN ACCUMULATED WASTE DISAPPEARS W/I A FEW DAYS INDICATING SUBSURFACE FLOW TO THE RIVER.	11/01/96	03/10/97	TIM BYRO
704 FERGUS COUNTY -SMITH, LESLIE & MIKE	SMITH LIVES IN 20 ACRE LOT SUBDIVISION AND ALLOWS ANIMAL TO RUN FREELY. PIGS ARE HOUSED BEHIND HOUSE WITHIN 50' OF CREEK AND WASTE RUNS INTO BEAVER CREEK. IN SUMMER, COWS ARE TIED TO CREEK BANK THEN RELOCATED ONCE AREA IS BROWSED DOWN TO BARE SOIL. AREA WHERE PIGS ARE LOCATED ARE DEVOID OF VEGETATION. SMITHS ALSO DAM UP BEAVER CREEK IN SUMMER. CONCERN WITH SEDIMENT AND ANIMAL WASTE IN IMPACT ON WATER QUALITY OF BEAVER CREEK. BEAVER CREEK IS A TRIBUTARY TO SPRING CREEK. DEAD LIVESTOCK ARE ALSO THROWN INTO CREEK.	1	VS	03/07/97	REFER TO BYRON-DEQ AND ALSO FOLLOW UP WITH FERGUS CD TO CHECK ON POSSIBLE 310 PERMIT VIOLATIONS.	03/18/97	05/27/97	TIM BYRO
716 GALLATIN COUNTY -ALBERDA DAIRY	DAIRY DUMPING MANURE ON GROUND BETWEEN TWO IRRIGATION CANALS. SPRING MELT CAUSES CANALS TO RUN WITH RAW MANURE. PRIVATE WELL IS CONTAMINATED WITH FECALS. TWO SAMPLES CAME BACK WITH "SOMETHING GROWING" PER LAB. SITE HAS HAD OTHER PROBLEMS IN PAST.	1	KF	03/20/97	7/24/98 KF RECEIVES INVESTIGATION REPORT FROM TIM BYRON'S 7/16/98 INVESTIGATION - CORRAL IN QUESTION HAS BEEN DISCONTINUED AND RUNOFF DOES NOT POS A THREAT TO SURFACE WATER. LAND APPLICATION AREA NO LONGER AVAILABLE TO ALBERDA DAIRY. PROGRAM CLOSES COMPLAINT. 2/11/98 KF RECIEVED CALL FROM DAVE WHITSON W/ GALLATIN CO. RE: STATUS OF COMPLAINT AND COPIES OF ANALYTICAL RESULTS. 2/10/98 KF RECEIVED CALL FROM DENISE MOLDROSKI W/ GALLATIN CO. REGARDING STATUS OF COMPLIANT AND COPY OF TIM BYRON INSPECTION FOR DATE OF FOLLOW-UP INSPECTION. DO DATE SCHEDULED. 1/22/98 KF RECEIVED HARDFILE FROM ERIC REGENSBURGER. WILL MAKE COPIES AND RETURN. 1/7/98 KF SPOKE WITH TIM BYRON. TIM HAS NOT CONDUCTED INFSECTION YET. PLANS TO DO SO. FOLLOW-UP WITH TIM AFTER INSPECTION. TIM DOES NOT HAVE HARDFILE. 11/6/97 WPB FOLLOWUP INSPECTION SCHEDULED AFTER 10/1/97 ASK TIM BYRON OF WPB TO DO A SITE INVESTIGATION.	03/27/97	07/24/98	TIM BYRO
1338 GALLATIN COUNTY -LONE MOUNTAIN RANCH	60 HORSES ON 10-12 ACRE FEEDLOT. WITHIN 18 MONTHS OF PLACING IN FEEDLOT, WELL FOR HIDDEN VILLAGE BECAME CONTAMINATED. (WELL LOCATED ON FENCELINE.) ALSO CONTAMINATING NORTH FORK OF THE GALLATIN RIVER. NOW HAVE LLAMAS GRAZING IN WELL HEAD AREA TERRY THREKPFELDT/ENGINEER. HIDDEN VILLAGE MAY HAVE MORE INFO.	1	DR	07/28/97	08/26/99 TIM BYRON ADVISED TO CLOSE COMPLAINT, RP MET COMPLIANCE. 6/4/99 RECEIVED MEMO FROM WPB REITERATING FINAL DEADLINE OF 7/31/99. 02/01/99 DR: TIM BYRON ADVISED THAT 7 OF 9 REQ. HAVE BEEN MET.	12/10/97	08/26/99	TIM BYRO

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2189 GALLATIN COUNTY -LARSON, DUANE	RP HAS 6-8 HORSES CONFINED IN A .5 ACRE CORRAL. THE MANURE BUILDS UP AND WASHES INTO DRAINAGE. COMPLAINANT (CP) SAYS THE PROPERTY IS FOR SALE AND WANTS US TO INFORM REALTOR ABOUT CAFO CONCERNS. REALTOR/CORY BELLINGA (586-3777).	CPRO	1	DR	05/18/98	CHECK WITH TIM BYRON TO SEE IF CAFO HAS BEEN ISSUED. ALSO CHECK WITH JIM MELSTAD TO SEE IF PWS HAS BEEN INVOLVED. 06/15/98 DR:REVIEWED COMPLAINT AND SITE PHOTOS WITH TIM BYRON, PC&D, HE ADVISED NO VIOLATIONS. 05/20/98 DR:CONTACTED RP AT SITE, TALKED TO HIM AND PHOTOGRAPHED SITE. VALIDATE POSSIBLE CAFO VIOLATION. REFER TO TIM BYRON IF SITE NEEDS A MPDES. NOTIFY REALTOR OF ANIMAL RESTRICTIONS ON PROPERTY FOR SALE.	06/15/98	06/16/98	TIM BYRO
619 JUDITH BASIN COUNTY -BASIN ANGUS RANCH	CATTLE PEN CONFINEMENT RUNOFF, DRAINAGE FLOW THROUGH MIDDLE OF PENS. ONGOING STATUS. INVOLVES ROSS FORK CREEK OF JUDITH RIVER.	CPRO	1	SM	01/03/97	6/14/99 RECEIVED MEMO FROM WPB THAT SITE IS CURRENTLY UNDER PERMIT WITH A COMPLIANCE DEALINE OF 11/30/99. SINCE THIS SITE IS UNDER PERMIT, ED CLOSED IT OFF OF COMPLAINT LIST. UNDER COMPLIANCE PLAN FOR 12/31/97 & 11/30/99 MONITORING VIA TIM BYRON 11/6/97.	01/03/97	06/14/99	TIM BYRO
415 PARK COUNTY -GIBSON, DAVID	CATTLE WASTE FROM CAFO TO DUCK CREEK	CPRO	1	RF	08/13/96	11/6/97 NOTE FROM TIM BYRON STATING FOLLOW UP INSPECTION NEEDED. RLF INVESTIGATED 8/15/96. COMPLAINT VALID.	08/25/96	07/20/98	TIM BYRO
564 RAVALLI COUNTY -BIG VELVET RANCH	GAME FARM OWNER HAS DIVERTED WATER FROM THE MAIN DITCH WHICH DRAWS WATER FROM THE WEST FORK OF THE BITTERROOT RIVER. WATER IS RUNNING THROUGH PASTURES WITH CONFINED ANIMAL FEEDING OPERATIONS, AND THE WATER IS RETURNING TO RYE CREEK CARRYING ANIMAL WASTES.	CPRO	1	SM	01/27/97	6/4/99 RECEIVED MEMO FROM WPB INDICATING COMPLAINT CAN BE CLOSED BASED ON TIM BYRON'S 1/23/98 COMPLIANCE INSPECTION.	02/27/97	06/04/99	TIM BYRO
2421 YELLOWSTONE COUNTY -HAALAND FEEDERS	THE RP OPERATES A FEEDLOT THAT IS LOCATED NEAR A SUBDIVISION. COMPLAINANT SAYS THEY HAVE POOR WASTE HANDLING PRACTICES, AND THE ODORS ASSOCIATED WITH THE SITE ARE REALLY STRONG. SHE ESTIMATES CATTLE ARE STANDING IN 4 FEET OF MANURE, AND THERE ARE OCCASIONAL DEAD COWS ON THE LOT. THE RP HAS EXPANDED HIS OPERATION TO SOME PROPERTY ACROSS THE STREET, WHICH HE DID NOT TELL TIM BYRON, WHEN TIM DID AN INSPECTION THIS SPRING. THE RP TRANSPORTS WASTE ACROSS THE STREET WITH BACKHOES AND SPILL A LOT OF MANURE ON THE ROAD. COMPLAINANT HAS TO SHUT HER HOUSE EVERY NIGHT, BECAUSE OF THE SMELL. ALSO, EVERYONE IN THE SUBDIVISION RELIES ON WELL WATER, AND SHE IS WORRIED ABOUT GROUNDWATER QUALITY.	CPRO	1	DR	07/20/98	7/21/98 ET - ED AND TIM DISCUSSED COMPLAINT. HE IS CONFIDENT HAALAND IS IN COMPLIANCE WITH CAFO BUT STILL HAS QUESTIONS ABOUT GROUNDWATER IMPACT WHICH HE HOPES TO GET FUNDING TO FURTHER STUDY. CLOSED BASED ON TIMS COMMENTS.	07/21/98	07/21/98	TIM BYRO
2881 YELLOWSTONE COUNTY -HAALAND FEEDERS	COMPLAINANT CONCERNED ABOUT POSSIBLE EXPANSION OF FACILITY WITHOUT PROPER APPROVAL. PERMIT CONDITIONS DO NOT COVER EXPANSION UNLESS DISCHARGES OCCUR.	CPRO	1	RF	11/20/98	6/4/99 RECEIVED MEMO FROM WPB STATING SOME WELL HEAD PROTECTION ISSUES ARE BEING DISCUSSED BUT THAT THE COMPLAINT CAN BE CLOSED. 1/28/99 ED & TIM DISCUSSED HIS ONGOING ACTIVITIES AT THIS SITE. TIM WILL SOON BE WRITING A LETTER TO HAALAND REQUIRING INSTILLATION OF NEW WELLS AND WILL COPY ENFD. WILL CHECK SITE WHEN IN AREA FOR DISCHARGES FROM "NEW" HOLDING PENS. TIM BYRON WORKING ON SEPARATE ISSUES.	11/20/98	06/04/99	TIM BYRO
			***	11					
2182 LAKE COUNTY -SMYTH, RUSSELL	RP IS A DAIRY FARMER. HE HAS A DRAIN IN BARN THAT IS CONNECTED TO A PIPE THAT GOES DIRECTLY TO CREEK. RP WASHED FLOOR AND EFFLUENT (CLEANERS-ACIDS? SOAPS?, ROTTEN MILK, EXCREMENT, ETC.,) DRAINS INTO CREEK. EFFLUENT FROM BARNYARD ALSO DRAINS INTO CREEK.	CREP	1	DR	05/13/98	1. TRY TO FIND CREEK ON TOPO, 2. SEE IF WPB HAS INFO, 3. CONTACT TRIBES AND/OR FWP MISSOULA OR KALISPELL, FISHERIES, 4. SITE VISIT.		06/02/98	
			***	1					
2216 YELLOWSTONE COUNTY -STANKO, RUDY	R.P. IS ALLEGED TO BE DUMPING MANURE ON THE CREEK BANK AND THERE IS RUNOFF INTO THE CREEK FROM THE PILE. (HOWARD KLUWER	ER	1	DR	05/27/98	5/28/98 ED CALLED COMPLAINANT AND FOUND OUT THIS IS NOT NEW BUT EXISTING. INCORPORATE THIS INTO THE ENFORCEMENT FILE.		05/28/98	

CONCENTRATED ANIMAL FEEDLOT OPERATION (CAFO) COMPLAINTS AS OF 9/2/99

CVID RESPONSIBLE PARTY	COMPLAINT:	STATUS: #.	ASSIGNED:	DATE RECEIVED	SUGGESTED ACTION / ACTION TAKEN	DATE REFERRED	CLOSURE_DATE:	DEQ_REFE CONTACT
2286 YELLOWSTONE COUNTY -STANKO, RUDY	MAY OWN A PORTION OF THE LAND.) COMPLAINANT HAS LIVED NEXT TO FEEDLOT FOR 11 YEARS. ACCORDING TO COMPLAINANT, THE FEEDLOT RECENTLY ENLARGED THE PENS. THIS ENLARGEMENT INCREASED THE AMOUNT OF LIVESTOCK ODORS, MANURE AND DUST TO THE POINT WHERE IT IS NOW A NUISANCE. THE COMPLAINANT ALSO OBSERVED WORKERS AT THE FEEDLOT DOING WHAT APPEARED TO BE WASHING OUT A HORSE TRAILER IN THE IRRIGATION DITCH. COMPLAINANT DID NOT SEE THEM ACTUALLY SHOVELING MANURE INTO THE DITCH, BUT DID OBSERVE MANURE ON THE GROUND WHERE THE TRAILER HAD BEEN PARKED BY THE DITCH AFTER THE TRAILER WAS MOVED.	1	DR	06/16/98	FRANK WILL SEND RESPONSE. INCORPORATE TO CASE FILE.		06/16/98	
2342 YELLOWSTONE COUNTY -STANKO, RUDY	MANURE DUMPING NEAR YELLOWSTONE RIVER	ER	1	DR	06/17/98		06/17/98	
		***	3					
		***	44					

44 Rows Processed

Permit Number	Facility Name	Owner/Operator	Address
MTG010011	Harmony Farms, Inc.	Jim Weber	5912 Elysian Road Billings, MT 59101
MTG010101	Bear Paw Livestock Commision	Dexter Buck	P.O. 488 Chinook, MT 59523
MTG010103	Carbon County Cattle Co.	Raymond E. Gerringa	P.O. Box 156 Boyd, MT 59103
MTG010106	Eidel ranch, Inc.	John P. Eidel	663 McIver Road Great Falls, MT 59404
MTG010108	Heiken Farms, Inc.	Steven L. Heiken	181 Custer Gulch RD. Lavina, MT 59046
MTG010110	Hinsdale Livestock Co.	Gene or Joe Etchart	P.O. Box 429 Glasgow, MT 59230
MTG010111	HSD-Feedlot Corporation	Max Henthorne	P.O. Box 203 Vaughn, MT 59487
MTG010118	E.L. Peterson Ranch, Inc.	Dean Peterson	P.O. Box 8 Judith Gap, MT 59453
MTG010124	Harding Land & Cattle Co.	Daniel Currie	P.O. Box 612 Terry, MT 59349
MTG010125	Charles Schwenke Feedlot	Charles Schwenke	RR 1, Box 144 Harlem, MT 59526
MTG010132	Haaland T-Bone Feeders	Norman Haaland	P.O. Box 97 Shepherd, MT 59079
MTG010134	Floyd Warren, Inc	Jack Warren	RR1, P.O. Box 1154 Hardin, MT 59034-9717
MTG010135	Weschenfelder Feedlot	Henry Weschenfelder	10626 CA Road Shepherd, MT 59079
MTG010139	Virgil Smith & Son Feedlot	Sidney Smith	P.O. Box 243 Twin Bridges, MT 59754
MTG010140	Weschenfelder Feedlot	Henry Weschenfelder	10626 CA Road Shepherd, MT 59079
MTG010141	Livestock Auction Market	Yellowstone Livestock Co.	P.O. Box 1527 Sidney, MT 59270
MTG010147	Broken-O Ranch	William E. Moore	P.O. Box 349 Augusta, MT 59410
MTG010148	Vogel Feeders, Inc.	Daniel J. & Thomas W. Vogel	2088 South 13th Road Ballantine, MT 59006
MTG010150	Duncan Ranch Colony	Chris Kleinsasser	P.O. Box 248 Harlowton, MT 59038
MTG010151	Montana State Prison Ranch	Bill Dabney	350 Conley Lake Road Deer Lodge, MT 59722
MTG010152	Agri-Systems, Inc.	Bob Hamlin	1300 Minnesota Ave. Billings, MT 59101
MTG010153	Pleasant Valley Colony	John Waldner	734 McCoy Road Belt, MT 59412
MTG010154	New Rock Colony	Sam Wipf	RR 2, Box 131 Choteau, MT 59422
MTG010155	Rock Port Colony	Jacob Waldner	Box 100 Pendroy, MT 59467
MTG010157	Birch Creek Colony	Issac J. Waldner	712 Dupuyer Cutoff Valier, MT 59486
MTG010158	JB Grierson Co.	James Almond	Myers Route Hysham, MT 59038

Exhibit 8
Water Policy Subcommittee 9/22/99

Permit Number	Business Phone	Legal Location	Animal Units	Livestock Categories
MTG010011	259-9058	Sec. 19, T01S, R26E	1100	Feeder Cattle
MTG010101	357-2286	Sec. ??, T33N, R19E	32,200	Feeder Cattle, Swine, Sheep
MTG010103	962-3248	Sec. 24, T04S, R21E	4,000	Feeder Cattle
MTG010106	453-8816	Sec. 34, T21N, R02E	4,000	Feeder Cattle
MTG010108	667-2110	Sec. 09, T05N, R22E	1,900	Feeder Cattle, Swine, Sheep
MTG010110	228-2835	Sec. 34, T32N, R35E		
MTG010111	965-3581	Sec. 22, T21N, R01E	5,000	Feeder Cattle
MTG010118	374-2244	Sec. 08, T11N, R16E	1,000	Feeder Cattle
MTG010124	635-5788	Sec. 20, T11N, R50E	2200	Feeder Cattle
MTG010125	673-3264	Sec. 09, T32N, R22E	4000	Feeder Cattle
MTG010132	373-5845	Sec. 10, T02N, R27E	10000	Feeder Cattle
MTG010134	665-2591	Sec. 04, T02S, R34E	2400	Feeder Cattle
MTG010135	373-5741	Sec. 29, T02S, R23E	5000	Feeder Cattle
MTG010139	684-5280	Sec. 07, T05S, R06W	?	Feeder Cattle
MTG010140	373-5741	Sec. 19, T03N, R28E	25000	Feeder Cattle
MTG010141	482-3513	Sec. 33, T23N, R59E	5300	Feeder Cattle, Sheep
MTG010147	264-5690	Sec. 04, T20N, R04W	3000	Feeder Cattle
MTG010148	967-2966	Sec. 13, T02N, R28E	6500	Feeder Cattle
MTG010150	632-4106	Sec. 19, T08N, R14E	1316	Swine, Sheep, Poultry
MTG010151	846-1320 ext.	Sec. 12, T07N, R10W	900	Feeder Cattle, Dairy
MTG010152	245-6231	Sec. 17, T01S, R34E	1200	Swine
MTG010153	736-5204	Sec. 01, T18N, R05E	940	Swine, Dairy, Poultry
MTG010154	466-2112	Sec. 05, T24N, R03W	1060	Swine, Dairy, Poultry
MTG010155	469-2284	Sec. 26, T27N, R07W	1700	Beef, Swine, Dairy, Sheep, Poultry
MTG010157	279-3586	Sec. 26, T29N, R07W	410	Feeder Cattle, Swine, Dairy, Poultry
MTG010158	342-5500	Sec. 09, T06N, R35E	3350	Feeder Cattle

Permit Number	CAFO Area (Acres)	Control Structure	Capacity (Gallons)	Annual Waste Volume (Ga)
MTG010011	4	NA	NA	NA
MTG010101	18.5	retention pond	?	?
MTG010103	27	settling pond	10728422	?
MTG010108	5	evaporation pond	1570909	?
MTG010108	5.14	retention pond	1090660	?
MTG010110	15	settling, evaporation	?	
MTG010111	45	retention ponds (2)	18166442	?
MTG010118	3	retention ponds (2)	625000	?
MTG010124	15	retention pond	?	?
MTG010125	20	retention pond	4943400	20000
MTG010132	43	evaporation pond	1350000	18250000
MTG010134	80.44	evaporation pond	31000	900000
MTG010135	15	Retention Pond	11968832	?
MTG010139	10	NA	NA	NA
MTG010140	100	Retention Pond	?	?
MTG010141	9	Evaporation Pond	4039481	?
MTG010147	20	NA	NA	NA
MTG010148				
MTG010150	2	Retention Pond	3000000	1300000
MTG010151	7	Retention Pond	?	
MTG010152	10	Retention Pond	7628683	2226500
MTG010153	3	Holding Tank	2400000	4000000
MTG010154	6	Settling/Retention Pond	?	5000000
MTG010155	40	Retention Pond & Pit	5000000	6950000
MTG010157	2.5	Retention Pond	5000000	4700000
MTG010158	24.5	NA	NA	6000

Permit Number	Annual Waste Mass (Tons)	Drainage Basin	HUC	TMDL Priority?
MTG010011	1200	UPPER YELLOWSTC	10070004	
MTG010101	?	MIDDLE MILK	10050004	
MTG010103	?	CLARKS FORK YELL	10070006	
MTG010108	?	SUN	10030104	L
MTG010108	?	UPPER MUSSELSHE	10040201	L
MTG010110	450	LOWER MILK	10050012	L
MTG010111	1000	SUN	10030104	L
MTG010118	2190	JUDITH	10040103	L
MTG010124	?	LOWER YELLOWSTC	10100001	L
MTG010125	2000	MIDDLE MILK	10050004	
MTG010132	15000	UPPER YELLOWSTC	10070007	
MTG010134	500	LITTLE BIGHORN	10080016	
MTG010135	?	UPPER YELLOWSTC	10070004	
MTG010139	NA	BEAVERHEAD	10020002	
MTG010140	?	UPPER YELLOWSTC	10070007	
MTG010141	?	LOWER YELLOWSTC	10100004	
MTG010147	1800	SUN	10030104	L
MTG010148		UPPER YELLOWSTC	10070007	
MTG010150	480	UPPER MUSSELSHE	10040201	L
MTG010151		UPPER CLARK FORK	17010201	H
MTG010152	?	LOWER BIGHORN	10080015	
MTG010153	940	UPPER MISSOURI-DE	10030102	
MTG010154	800	TETON	10030205	L
MTG010155	2643330	MARIAS RIVER	10030203	L
MTG010157	300	TWO MEDICINE	10030201	
MTG010158	5825	LOWER YELLOWSTC	10100001	L

Permit Number	Facility Name	Owner/Operator	Address
MTG010159	Sage Creek Colony	John Wurtz	RR 83, Box 25248 Chester, MT 59522
MTG010160	Miller Feedlot	Arten Miller	P.O. Box 68 Fallon, MT 59326
MTG010161	Billings Livestock Commisson	Jack McGuinness	2442 North Frontage Road Billings, MT 59101
MTG010162	Hidden Lake Colony	David Hofer	P.O. Box 188 Cut Bank, MT 59427
MTG010163	Pondera Colony	William J. Waldner	599 Dupuyer Cutoff Valier, MT 59486
MTG010164	Camrose Colony	Peter Waldner	HC 74, Box 18 Ledger, MT 59456
MTG010165	Matador Cattle Co.	Raymond Marxer	9500 Blacktail Road Dillon, MT 59725
MTG010167	Mountain View Colony	William Hofer	RR 1, Box 39 Broadview, MT 59015
MTG010168	New Miami Colony	Jacob Wipf	Route 3, Box 448 Conrad, MT 59425
MTG010169	Moo Juice Dairy	Mike Degn	201 East main Street Sidney, MT 59270
MTG010003	Bergstrom Land & Livestock	Howard & John Bergstrom	HC 75, Box 497 Brady, MT 59416
MTG010026	Northern Ag. Research Station	Donald C. Anderson	Star Route 36, Box 43 Havre, MT 59501
MTG010027	Novak Dairy, Inc.	Donna Novak	3340 Lincoln Road East Helena, MT 59602
MTG010031	Razor Creek Farms	Elmer & Ron Quanbeck	6345 Church Road Shepherd, MT 59079
MTG010049	Big Velvet Ranch	Len Wallace	137 Doe Haven Way Darbey, MT 59829
MTG010050	Basin Angus Ranch	Douglas Stevenson	P.O. Box 220 Hobson, MT 59452
MTG010130	Steinbach Cattle	Marvin & Verna Steinbach	6310 Lewis & Clark Road Wolf Creek, MT 59648

Permit Number	Business Phone	Legal Location	Animal Units	Livestock Categories
MTG010159	292-3599	Sec. 29, T37N, R06E	1991	Dairy, Swine, Poultry
MTG010160	486-5664	Sec. 02, T12N, R52E	?	Feeder Cattle
MTG010161	245-4151	Sec. 19, T01N, R27E	4000	Feeder Cattle
MTG010162	336-2695 (fax)	Sec. 24, T33N, R08W	1675	Dairy, Swine, Poultry
MTG010163	279-3629	Sec. 19, T29N, R06W	1435	Dairy, Swine, Poultry
MTG010164	627-2141 (fax)	Sec. 33, T30N, R01E	3707	Dairy, Swine, poultry
MTG010165	683-5691	Sec. 32, T08S, R08W	3600	Feeder Cattle
MTG010167	667-2371 (fax)	Sec. 27, T04N, R24E	2348	Dairy, Swine, Poultry
MTG010188	472-3382 (fax)	Sec. 08, T28N, R05W	1320	Dairy, Swine, Poultry
MTG010189	482-2703	Sec. 23 & 24, T21N, R57E	4200	Dairy
			Total =	Total =
			177902	
MTG010003	627-2433	Sec. ??, T27N, R01E	480	Swine
MTG010026	265-6115	Sec. 28, T32N, R15E	100	Feeder Cattle
MTG010027	458-5826	Sec. 13, T11N, R03W	196	Dairy
MTG010031	373-5535	Sec. ??, T03N, R29E	900	Feeder Cattle
MTG010049	821-3131	Sec. 32, T03N, R20W	400	Domestic Elk
MTG010050	374-2332	Sec. 11, T14N, R15E	900	Feeder Cattle
MTG010130	264-5454	Sec. ??, T21N, R02W	800	Feeder Cattle
			Total =	
			3776	

Permit Number	CAFO Area (Acres)	Control Structure	Capacity (Gallons)	Annual Waste Volume (Ga)
MTG010159	40	Retention Pond	4500000	4047227
MTG010160				
MTG010161	6.9	Retention Pond	742814	
MTG010162	5	Holding Tank	1882280	3367205
MTG010163	10	Holding Tank	1200000	2500000
MTG010164	60	Settling/Retention Ponds	3188346	3855306
MTG010165	27	Retention Pond	1466331	?
MTG010167	60	Retention Pond	3188346	5428348
MTG010168	40	Retention Pond	1750000	3642534
MTG010169	50	Retention Pond & Holding Tank	1535000	12775000
	828.98	Total =	96995746	Total = 78968120
MTG010003	1	Holding Tank	150000	400000
MTG010026	0.7	Water Spreading	NA	?
MTG010027	0.05	Retention Pond/Holding Tank	1800	1600
MTG010031	4.5	Retention Pond	NA	NA
MTG010049	100	None	NA	NA
MTG010050	23	Vegetated Buffer	NA	NA
MTG010130	20	None	NA	NA
	Total = 149.25	Total =	151800	Total = 401800

Permit Number	Annual Waste Mass (Tons)	Drainage Basin	HUC	TMDL Priority?
MTG010159	3000	SAGE NRCS	10050006	L
MTG010160		O'FALLON	10100005	
MTG010161		UPPER YELLOWSTC	10070007	
MTG010162	540	CUT BANK	10030202	
MTG010163	400	TWO MEDICINE	10030201	
MTG010164	2500	MARIAS	10030203	L
MTG010165	?	BEAVERHEAD	10020002	
MTG010167	500	UPPER YELLOWSTC	10070007	
MTG010188	500	MARIAS	10030203	L
MTG010189	NA	LOWER YELLOWSTC	10100004	L
Total =	2683255			
MTG010003	?	MARIAS	10030203	L
MTG010026	50	MIDDLE MILK	10050004	
MTG010027	2000	UPPER MISSOURI	10030101	L
MTG010031	1800	UPPER YELLOWSTC	10070007	
MTG010049	NA	BITTERROOT	17010205	L
MTG010050	1500	Judith River	10040103	L
MTG010130	?	Sun River	10030104	L
Total =	5350			