State of Wisconsin - Department of Natural Resources Substance Release Notification Report Report created on 04/21/2008

| Incident Date & Ti 03/04/2008 0630 | | Reported Date & T 03/04/2008 0700 | 100000000000000000000000000000000000000 | BRRTS N 04-05-55 | | | Spill ID: 20080304 | 4NE05-1 |
|---|-------------------------------|---|---|------------------------|---------------------|-----------------|--------------------------|-------------------|
| DATCP Reported DATCP Transferre | | NFA Letter Sent? No | | ERP Tra r No | sferred? | | Incident CI Yes: 03/3 | |
| | | | | | | | | |
| | - | | Locat | | | | | |
| Region: NE | County: Brown | | Municipali HOLLANI | | NSHIP OF | | × | |
| Facility/Property I COUNTRY AIRE 1440 LAMERS C | | ress: | | Descripti EARTHE | on: EN MANURE LA | AGOONS | | |
| Facility Type: | Farm/Farm Field (p | rivate and corporate, | tree nurse | ry) | | | | |
| Lat/Long: | | PLSS: NW 1/4 of N | IE ¼ of Sed | c 20, T2 | 1N, R20E | WTM: X 67077 | 73 Y 4251 | 08 |
| Weather Condition | ns: | | | | | | | |
| | | | esponsibl | le Partie | | | | |
| Name/Address (1) COUNTRY AIRE 1440 LAMERS C GREENLEAF, W (920) 371-1206 x | DAIRY FARM LANCY RD I - | Contact: MIKE GERRITS DAIRY FARM OV (920) 371-1206 x | | | Other Contac | t: | Spill Pa | cket: |
| | | | Caus | se | | | | |
| Cause Type: Mar | ure Release (pit, lir | ie break, transportatio | on, field app | plication |) | | | |
| | | | Substa | | | | | |
| | ime | Other / Comments | | Released | Amt Recovered | Туре | Color | Odor |
| Manure | | LIQUID MANURE | 2000 Gal | | 10000.0 Gal | LIQUID | | |
| | | Environr | nental Imp | | | 1.1.2 | | |
| Environmental Im SURFACE WATI | pacts: ER - Name : EAST I | RIVER | Resource No | Damage | S; | Injuries: No | | Evacuation: No |
| | | | Cleanup A | Actions | | | | |
| | Method | | | | | Description | n | |
| Dike Built | | | FILTE | ER DAM | BUILT IN DIT | CH | | |
| Containment | | | | | | | | |
| Flow Stopped | | | | | | | V | |
| Repairs Made | | | STO | RM WAT | TER PIPE REM | IOVED/SEA | LED | |
| | | Clear PE, HIRED VAC TRU ECTRIC, PHIL'S PUM | | REMOVE | E PRODUCT A | | | |
| | | | Contractor | rs Hired | | - | | |
| | Name | | | | | Description | n | |

State of Wisconsin - Department of Natural Resources Substance Release Notification Report Report created on 04/21/2008

| OTHER | | VAC TF | RUCKS, PUMPS A | ND EXCAVAT | ΓOR | | |
|---------------------------------------|---------------------------------------|----------|------------------|-------------|---------|----------------------------|-------|
| | Waste | Destin | ations | | | | |
| | cation | | | Description |) | | |
| BACK IN MANURE PIT | Agencies N | latified | l On Scono | | | | |
| | Agency | votineu | 7 On Scene | Notifie | d | On Scene | 1110 |
| DATCP | | | | Х | | | |
| DIV EMERG MGT | | | | Х | | | |
| DNR | | | 4 | Х | | Х | |
| LEPC OF LOCAL EMERG MO | GT | | | Х | | 3-1 | |
| BROWN COUNTY LCD | | | | Х | | X | 9.7 |
| | Additio | nal Con | nments | | | | |
| POTENTIAL FOR ENFORCEMENT action? Yes | Enforce MENT ACTION - SEE WATER PF | | | | | | |
| Case Activity Report Numbers: | 1, , | on Repo | ntio n | and the | | | |
| Name | Representing / Address | и керо | Primary Pl | hone | Se | econdary Phone | |
| MIKE GERRITS | COUNTRY AIR FARM | 1717 | (920) 371-1206 x | | | | |
| | Contr | actors | lired | | | | |
| | Name / Address | | | | Zoi | ne Contractor Hire DNR? | ed by |
| | | | | | No | | |
| | 6 | ontacts | | | | | |
| Role | Name / Addi | ress | | Office P | | Date | Time |
| Prepared By: | JASON MOELLER | | 7 | (920) 662- | -5492 x | 03/04/2008 | |
| Person Notified: | DAVID ALLEN, CRAIG WEBST | | | | | 03/04/2008 | |
| Investigated By: | WEBSTER, ALLEN, MOELLER | | | de l' | | 03/04/2008 | |
| Incident Commander: | | | 1 | and A | 1 | 1 1 1 1 1 | |
| Spill Coordinator: | NE - MOELLER, JASON [P] 920 | | 1 1 | W Moell | h | 03/31/2008 | |
| | Electronic / | Attachn | nents (list) | - | | | |
| | ame | Portable | Document Forma | Type | - | | |
| Sample 3.pdf | | | | | | | |
| Sample 4.pdf | | | Document Forma | | | | |
| Map.pdf | | | Document Forma | | | | |
| Sample 1.pdf | | | Document Forma | | | | |
| Sample 2.pdf | | Portable | Document Forma | t | | | |

03/27/2008

Lab: 113133790

Sample: **IS015408**

Page 1 of 2

Laboratory:

Wisconsin State Laboratory of Hygiene

DNR ID 113133790

2601 Agriculture Dr

Madison

WI 537077996

Phone: 800-442-4618

Fax Phone: 608-224-6276

Sample:

Field #: 4

Sample #: IS015408

Collection Start:

03/04/2008 04:30 pm

Collection End:

Collected by:

MOELLER

Waterbody/Outfall Id:

ID #:

ID Point #:

County: Brown

Account #: RR009

Sample Location:

EAST RIVER HWY 96 3/4 MILE WEST OF OLD 57

Sample Description:

SURFACE WATER WITH MANURE - COUNTRY AIRE DAIRY 3-4-08 RELEASE

Sample Source: SU

Sample Depth:

Date Reported: 03/27/2008

Sample Status: COMPLETE

Project No:

| Analysi | s Method | Analysis Date | Lab | Comment | | | |
|---------|----------------|---------------|-------|---------|-----|--------------|-----|
| BOD 5 | DAY (SM 5210B) | 03/06/2008 | | | | | |
| Code | Description | R | esult | Units | LOD | Report Limit | LOQ |
| 310 | BOD 5 DAY | | 26.5 | MG/L | | 2.0 | |

| Analysi. | s Method | Analysis Date | Lab Comment | | | |
|----------|-------------------------------|---------------|-------------|-------|--------------|-------|
| AMMO | ONIA (AS N), DISS (EPA 350.1) | 03/25/2008 | | | | |
| Code | Description | Res | ult Units | LOD | Report Limit | LOQ |
| 608 | NITROGEN NH3-N DISS | 3 | 47 MG/L | 0.015 | | 0.048 |

| Analysi | is Method | Analysis Date L | ab Comment | | | |
|---------|--------------------------------------|-----------------|------------|-------|--------------|-------|
| NITRA | ATE+NITRITE (AS N), DISS (EPA 353.2) | 03/25/2008 | | | | |
| Code | Description | Resu | lt Units | LOD | Report Limit | LOQ |
| 631 | NITROGEN NO3+NO2 DISS (AS N) | 4.4 | 1 MG/L | 0.019 | | 0.061 |

| Analysi | is Method | | | | | |
|---------|------------------------------|-----------------|-------|------|--------------|-----|
| ТОТА | L KJELDAHL NITROGEN (AS N) (| EPA 303/19/2008 | | | | |
| Code | Description | Result | Units | LOD | Report Limit | LOQ |
| 625 | NITROGEN KJELDAHL TOTAL | 6.58 | MG/L | 0.14 | | 0.4 |

| Analys | is Method | Analysis Date Lab | Comment | ., | | |
|--------|---------------------|--------------------------|---------|-----|--------------|-----|
| PH, L | AB, INFORMATIONAL O | NLY (EPA 150.1)3/06/2008 | | | | |
| Code | Description | Result | Units | LOD | Report Limit | LOQ |
| 403 | PH LAB | 7.65 | SU | | 1. | |
| | | | | | | |

| Analysis Method | Analysis Date Lab Comment | |
|-----------------|---------------------------|--|
| | | |
| | | |
| | | |

03/27/2008

Lab: 113133790

Sample: **IS015408**

| тота | L PHOSPHORUS (AS P) (EPA 365.1) | 03/11/2008 | | | | |
|------|---------------------------------|------------|-------|-------|--------------|-------|
| Code | Description | Result | Units | LOD | Report Limit | LOQ |
| 665 | PHOSPHORUS TOTAL | 0.846 | MG/L | 0.005 | | 0.016 |

| Analys | is Method | Analysis Date | Lab | Comment | | | |
|--------|---|---------------|-------|---------|-----|--------------|-----|
| SUSP | ENDED SOLIDS (EPA METHOD 160.2) | 03/06/2008 | | | | | |
| Code | Description | . R | esult | Units | LOD | Report Limit | LOQ |
| 530 | RESIDUE TOTAL NFLT (TOTAL SUSPENDED SOLIDS) | | 15. | MG/L | 2 | | 7 |

| Analysi | is Method | Analysis Date Lab Comment | | | |
|---------|--------------------------|---------------------------|-----|--------------|-----|
| TEMP | PERATURE ON RECEIPT-ICED | 03/06/2008 | | | |
| Code | Description | Result Units | LOD | Report Limit | LOQ |
| 136 | TEMPERATURE AT LAB | ICED C | | 0 | |

03/27/2008

Lab: 113133790

Sample: IS015407

Page 1 of 2

Laboratory:

Wisconsin State Laboratory of Hygiene

DNR ID 113133790

2601 Agriculture Dr

Madison

WI 537077996

Phone: 800-442-4618

Fax Phone: 608-224-6276

Sample:

Field #: 3

Sample #: IS015407

Collection Start:

03/04/2008 04:15 pm

Collection End:

Collected by: **MOELLER** Waterbody/Outfall Id:

ID #:

ID Point #:

County: Brown

Account #: RR009

Sample Location:

Sample Description:

MILL RD EAST RIVER 1 MILE WEST OF OLD 57

SURFACE WATER - NATURAL - COUNTRY AIRE DAIRY 3-4-08 RELEASE

Sample Source:

SU

Sample Depth:

Date Reported: 03/27/2008

Sample Status: COMPLETE

Project No:

| Analysis Method | Analysis Date Lab Comment | | | · |
|----------------------|---------------------------|-----|--------------|-----|
| BOD 5 DAY (SM 5210B) | 03/06/2008 | | | |
| Code Description | Result Units | LOD | Report Limit | LOQ |
| 310 BOD 5 DAY | 6.8 MG/L | | 2.0 | |
| | | | | |

| Analysis Method | | Analysis Date 1 | | | | |
|----------------------------------|---------------------|-----------------|-----------|-------|--------------|-------|
| AMMONIA (AS N), DISS (EPA 350.1) | | 03/25/2008 | | | | |
| Code | Description | Res | ult Units | LOD | Report Limit | LOQ |
| 608 | NITROGEN NH3-N DISS | 0.6 | 04 MG/L | 0.015 | | 0.048 |

| Analysi | s Method | Analysis Date | Lab | Comment | | | |
|---------|--------------------------------------|---------------|-------|---------|-------|--------------|-------|
| NITRA | ATE+NITRITE (AS N), DISS (EPA 353.2) | 03/25/2008 | | • | | | |
| Code | Description | Re | esult | Units | LOD | Report Limit | LOQ |
| 631 | NITROGEN NO3+NO2 DISS (AS N) | | 4.66 | MG/L | 0.019 | | 0.061 |

| Analys | is Method | Analysis Date Lab | Comment | | | | | | | |
|---|-------------------------|-------------------|-----------|----------------|-----|--|--|--|--|--|
| TOTAL KJELDAHL NITROGEN (AS N) (EPA 303/19/2008 | | | | | | | | | | |
| Code | Description | Result | Units LOI | O Report Limit | LOQ | | | | | |
| 625 | NITROGEN KJELDAHL TOTAL | 2.15 | MG/L 0.14 | . . | 0.4 | | | | | |

| Analysi | s Method | Analysis Date La | b Comment | | | | | | |
|--|-------------|------------------|-----------|-----|--------------|-----|--|--|--|
| PH, LAB, INFORMATIONAL ONLY (EPA 150.1)3/06/2008 | | | | | | | | | |
| Code | Description | Resul | t Units | LOD | Report Limit | LOQ | | | |
| 403 | PH LAB | 7.68 | 3 SU | | . 1. | · | | | |

| Analysis Method | Analysis Date | Lab Comment | |
|-----------------|---------------|-------------|--|
| | | | |

03/27/2008

Lab: 113133790

Sample: IS015407

 TOTAL PHOSPHORUS (AS P) (EPA 365.1)
 03/11/2008

 Code Description
 Result Units LOD Report Limit LOQ

 665 PHOSPHORUS TOTAL
 0.354 MG/L
 0.005
 0.016

| Analys | is Method | Analysis Date Lab | Comment | | | |
|--------|---|-------------------|---------|-----|--------------|-----|
| SUSP | ENDED SOLIDS (EPA METHOD 160.2) | 03/06/2008 | | | | |
| Code | Description | Result | Units | LOD | Report Limit | LOQ |
| 530 | RESIDUE TOTAL NFLT (TOTAL SUSPENDED SOLIDS) | 5. | MG/L | 2 | | 7 |

| Analysis Method | | Analysis Da | te Lab | Comment | | | |
|-----------------|--------------------------|-------------|--------|---------|-----|--------------|-----|
| TEMP | PERATURE ON RECEIPT-ICED | 03/06/2008 | | | | | |
| Code | Description | * * | Result | Units | LOD | Report Limit | LOQ |
| 136 | TEMPERATURE AT LAB | | ICED | C | • | 0 | |

03/27/2008

Lab: 113133790

Sample: IS015405

Page 1 of 2

Laboratory:

Wisconsin State Laboratory of Hygiene

DNR ID 113133790

2601 Agriculture Dr

Madison

537077996

Phone: 800-442-4618

Fax Phone: 608-224-6276

Sample:

Field #: 1

Sample #: IS015405

Collection Start:

03/04/2008 03:45 pm

Collection End:

Collected by: **MOELLER** Waterbody/Outfall Id:

ID #:

Brown

ID Point #:

County: Sample Location:

OLD 57 TRIB 1/4 MILE SOUTH OF MILL ROAD

Sample Description:

SURFACE WATER - NATURAL

Sample Source:

SU

Sample Depth:

Date Reported: 03/27/2008

Sample Status: COMPLETE

Account #: RR009

Project No:

| Analysis Method | | Analysis Date Lab | Comment | | |
|----------------------|-------------|-------------------|------------|--------------------|--|
| BOD 5 DAY (SM 5210B) | | 03/06/2008 | 03/06/2008 | | |
| Code | Description | Result | Units LOI | D Report Limit LOQ | |
| 310 | BOD 5 DAY | 15.7 | MG/L | 2.0 | |
| 1 | | | | | |

| Analysis Method | | Analysis Dat | e Lab | Comment | | | |
|-----------------|-------------------------------|--------------|--------|---------|-------|--------------|-------|
| AMM | ONIA (AS N), DISS (EPA 350.1) | 03/25/2008 | • | | | | |
| Code | Description | | Result | Units | LOD | Report Limit | LOQ |
| 608 | NITROGEN NH3-N DISS | | 2.57 | MG/L | 0.015 | | 0.048 |
| İ | | | | | | | |

| Analys | is Method | Analysis Date | Lab | Comment | | | |
|--------|--------------------------------------|---------------|--------|---------|-------|--------------|-------|
| NITR | ATE+NITRITE (AS N), DISS (EPA 353.2) | 03/25/2008 | | | | | |
| Code | Description | R | Result | Units | LOD | Report Limit | LOQ |
| 631 | NITROGEN NO3+NO2 DISS (AS N) | | 3.98 | MG/L | 0.019 | | 0.061 |

| Analysi | s Method | Analysis Date Lab | Comment | | | | | | | |
|---|-------------------------|-------------------|---------|------|--------------|-----|--|--|--|--|
| TOTAL KJELDAHL NITROGEN (AS N) (EPA 303/19/2008 | | | | | | | | | | |
| Code | Description | Result | Units | LOD | Report Limit | LOQ | | | | |
| 625 | NITROGEN KJELDAHL TOTAL | 5.30 | MG/L | 0.14 | | 0.4 | | | | |
| 625 | NITROGEN KJELDAHL TOTAL | 5.30 | MG/L | 0.14 | | | | | | |

| Analysis Method | | Analys | is Date Lab | Comment | | | | | | |
|--|-------------|--------|-------------|---------|-----|--------------|-----|--|--|--|
| PH, LAB, INFORMATIONAL ONLY (EPA 150.103/06/2008 | | | | | | | | | | |
| Code | Description | | Result | Units | LOD | Report Limit | LOQ | | | |
| 403 | PH LAB | | 7.47 | SU | | 1. | | | | |

| Analysis Method | Analysis Date | Lab Comment | |
|-----------------|---------------|-------------|--|
| | | | |

03/27/2008

Lab: 113133790

Sample: IS015405

| | | | | | | * (| |
|------|---------------------------------|------------|--------|-------|-------|--------------|-------|
| TOTA | L PHOSPHORUS (AS P) (EPA 365.1) | 03/11/2008 | | | | | |
| Code | Description | | Result | Units | LOD | Report Limit | LOQ |
| 665 | PHOSPHORUS TOTAL | | 0.584 | MG/L | 0.005 | | 0.016 |

| Analysis M | ethod | Analysis Date L | ab Co | mment | | | ٠ |
|------------|--|-----------------|-------|-------|-----|--------------|-----|
| SUSPEND | ED SOLIDS (EPA METHOD 160.2) | 03/06/2008 | | | | | |
| Code De | escription | Resi | ilt U | mits | LOD | Report Limit | LOQ |
| 1 | ESIDUE TOTAL NFLT (TOTAL USPENDED SOLIDS) | | 5. N | IG/L | 2 | | 7 |

| Analysis Method | Analysis Date Lab Comment | |
|-----------------------------|---------------------------|----------------------|
| TEMPERATURE ON RECEIPT-ICED | 03/06/2008 | |
| Code Description | Result Units | LOD Report Limit LOQ |
| 136 TEMPERATURE AT LAB | ICED C | 0 |

03/27/2008

Lab: 113133790

Sample: IS015406

Page 1 of 2

Laboratory:

Wisconsin State Laboratory of Hygiene

DNR ID 113133790

2601 Agriculture Dr

Madison

537077996 WI

Phone: 800-442-4618

Fax Phone: 608-224-6276

Sample:

Field #: 2

Sample #: IS015406

Collection Start:

03/04/2008 04:00 pm

Collection End:

Collected by:

MOELLER

Waterbody/Outfall Id:

ID #:

County:

Brown

ID Point #: Account #: RR009

Sample Location:

MILL RD CREEK 1/2 MILE WEST OF OLD 57

Sample Description:

SURFACE WATER WITH MANURE - COUNTRY AIRE DAIRY 3-4-08 RELEASE

Sample Source:

SU

Sample Depth:

Date Reported: 03/27/2008 Sample Status: COMPLETE

Project No:

| is Method | Analysis Date Lab Comment | | | |
|------------------|---------------------------|--------------------------------------|--|---|
| 5 DAY (SM 5210B) | 03/06/2008 | | | |
| Description | Result Units | LOD | Report Limit | LOQ |
| BOD 5 DAY | 611. MG/L | | 2.0 | |
| | Description | Description 03/06/2008 Result Units | DAY (SM 5210B) 03/06/2008 Description Result Units LOD | Description Result Units LOD Report Limit |

| AMMONIA (AS N), DISS (EPA 350.1) 03/25/2008 | |
|--|-------|
| | |
| Code Description Result Units LOD Report Limit L | LOQ |
| 608 NITROGEN NH3-N DISS 76.4 MG/L 0.015 0 | 0.048 |

| Analysi | is Method | Analysis Date | Lab | Comment | | | |
|---------|--------------------------------------|---------------|--------|---------|-------|--------------|-------|
| NITRA | ATE+NITRITE (AS N), DISS (EPA 353.2) | 03/25/2008 | | | | | |
| Code | Description | R | Result | Units | LOD | Report Limit | LOQ |
| 631 | NITROGEN NO3+NO2 DISS (AS N) | | 3.27 | MG/L | 0.019 | | 0.061 |
| | | | | | | | |

| Analys | is Method | Analysis Date | Lab | Comment | | | |
|--------|---------------------------------|---------------|-------|---------|------|--------------|-----|
| TOTA | L KJELDAHL NITROGEN (AS N) (EP. | A 303/19/2008 | | | | | |
| Code | Description | R | esult | Units | LOD | Report Limit | LOQ |
| 625 | NITROGEN KJELDAHL TOTAL | | 122. | MG/L | 0.14 | | 0.4 |

| Analys | is Method | Ana | lysis Date – Lab | Comment | 1 | | |
|--------|-----------------|------------------------|------------------|---------|-----|--------------|-----|
| PH, L | AB, INFORMATION | AL ONLY (EPA 150.193/0 | 6/2008 | | | | |
| Code | Description | | Result | Units | LOD | Report Limit | LOQ |
| 403 | PH LAB | | 7.72 | SU . | | · 1. | |

| Analysis Method | Analysis Date Lab Comment | |
|-------------------|---------------------------|--|
| Then, your ration | Thatyon Date Lab Comment | |

03/27/2008

Lab: 113133790

Sample: **IS015406**

| | | | | | | | • |
|------|---------------------------------|------------|--------|-------|-------|--------------|-------|
| TOTA | L PHOSPHORUS (AS P) (EPA 365.1) | 03/11/2008 | | | | | |
| Code | Description | | Result | Units | LOD | Report Limit | LOQ |
| 665 | PHOSPHORUS TOTAL | | 8.42 | MG/L | 0.005 | | 0.016 |

| Analys | is Method | Analysis Date Lab | Comment | | | |
|--------|---|-------------------|---------|-----|--------------|-----|
| SUSP | ENDED SOLIDS (EPA METHOD 160.2) | 03/06/2008 | | | | |
| Code | Description | Result | Units | LOD | Report Limit | LOQ |
| 530 | RESIDUE TOTAL NFLT (TOTAL SUSPENDED SOLIDS) | 232. | MG/L | 2 | : | 7 |

| Analysis Method | | Analysis Date | Lab | Comment | | | |
|-----------------------------|---------------------|---------------|-------------|---------|-----|--------------|-----|
| TEMPERATURE ON RECEIPT-ICED | | 03/06/2008 | 03/06/2008 | | | | |
| Code | Description | ì | Result | Units | LOD | Report Limit | LOQ |
| 136 | TEMPERATURE AT LAB | | ICED | C | | 0 | |
| 130 | TENT ENATURE AT LAD | | ICED | C | | . 0 | |

This is a printer friendly version of an article from the Green Bay Press-Gazette

Back

Response, weather mitigate manure spill's impact

Advertisement

Multimedia

Map: Manure spill location

More than 20,000 gallons pour from Brown Co. farm

By Paul Srubas and Joanne Zipperer

psrubas@greenbaypressgazette.com, jzippere@greenbaypressgazette.com March 6, 2008

HOLLAND — Quick work by Mike Gerrits prevented a manure spill at his family's 1,700-cow dairy farm from becoming a major environmental disaster, a DNR watershed expert said Wednesday.

More than 20,000 gallons of liquid manure gushed from the manure lagoons at Country Aire Farms and rushed toward roadside ditches taking it to a tributary of the East River, said Craig Webster of the state Department of Natural Resources.

At least part of the spill made it to the East River and traveled north as far as Wisconsin 96, Webster said. The flow of melting snow and other tributaries likely would dilute the manure enough to prevent it from having a harmful effect on fish or on nutrient levels of the water, he said.

Jason Moeller, the DNR's spills coordinator, called the discharge a major spill that probably eventually will reach the Fox River.

He said it was too soon to say what the environmental impact would be, but it probably would not affect wells in the area because the ground was frozen when the spill occurred. He agreed that the impact on fish and nutrient levels probably would be minimal.

With 1,700 cows and 3,500 acres, Country Aire Farms is one of Brown County's largest dairy operations, just one of the county's 13 "concentrated animal feeding operations," called that because they have at least 1,000 animal units or 700 cows.

One cow produces as much waste as 18 people, which means Gerrits' operation, owned by him, his brother and father, produces as much waste as all of the population of unincorporated towns of Brown County combined, according to the Brown County Land Conservation office.

The county has 103,000 head of cattle, including 40,000 dairy cows, and insufficient, suitable land for spreading the 170,000 tons or so of manure, according to Bill Hafs, director of the county's Land Conservation Department.

Hafs is now looking for the least environmentally sensitive space to dispose of Country Aire manure while he supervises rebuilding the farm's failed manure pit.

The manure pit at Country Aire Farms has a capacity of 20 million gallons of liquid manure but probably only was one-third full at the time of the spill, Gerrits said.

Gerrits drove past the site at about 11:30 p.m. Monday and saw no problems, but when he came to work at 6 a.m. Tuesday, he saw the liquid manure running to the ditch. Gerrits contacted authorities and then rushed to minimize damage.

"We immediately shut the pipe off — capped it," Gerrits said Wednesday.

Gerrits then used heavy equipment to break down a berm to allow a reverse flow of the liquid manure, preventing much of it from getting out.

By the time DNR officials arrived, Gerrits was already at work damming a nearby tributary to try to prevent the liquid manure that did get out from flowing into the East River.

"As far as a response, he's done everything textbook perfect." Webster said. "He averted disaster by his quick actions and kept millions of gallons from spilling."

Damming the tributary stopped the flow of liquid manure, which could then be sucked up into pump trucks, Webster said. Workers pumped through the night and into Wednesday to prevent the spill from breaching the makeshift dam, built of soil, sand and 1,200-pound straw bales.

Workers also dug three sump pits to serve as collecting points for flowing manure, and pump trucks were used to empty those pits.

Gerrits' workers, volunteers and four independent contractors, along with DNR and land conservation officials were at the site Tuesday and Wednesday. Gerrits said work would continue until "I'm satisfied, the DNR is satisfied and my neighbors are satisfied" that it has been cleaned up.

Because the ground is still frozen, the spill likely wouldn't cause any lingering soil quality issues, Webster said.

Everything from the makeshift dam south to the spill source likely would be cleaned up, Webster said. Tests of the water north of that dam showed normal levels of dissolved oxygen, which means fish won't be affected, he said.

"We'll continue to monitor it," he said.

The accident happened because of a break in a storm-'water pipeline, Gerrits said. Water collected in a ditch near his barns drains through a pipe that runs through his manure lagoons. Engineers installed a berm that bisects the lagoons, and the water pipeline is buried in that berm, Gerrits said.

The pipe burst, apparently during the night, and flowing water caused a breakdown in the lagoon wall, allowing the spill, Gerrit said.

"We've never had an environmental problem before, and obviously I wish we didn't have ONE NOW, "Ke SAYO.

Moeller, Jason W - DNR

From:

Turner, Thomas M - DNR

Sent:

Tuesday, March 04, 2008 4:34 PM

To:

Steffes, Laurel J - DNR

Cc:

Allen, David C - DNR; Urben, Bruce G - DNR; Webster, Craig M - DNR; Moeller, Jason W - DNR; Chronert, Roxanne N - DNR; Stoll, Richard C - DNR; Goetsch, Byron J - DNR; Hildreth, David A - DNR; Kazmierczak, Ronald - DNR; Nelson, Karen A - DNR; Romback-Bartels, Jean - DNR; Smith, James D - DNR (JD); Turner, Thomas M - DNR; Verhoeven, Charles R - DNR;

Wilson, Curt D - DNR

Subject:

Media Contact Report - Country Aire Farms manure spill

Attachments:

spillTemp.xml786052.pdf; 080304 - Turner - Country Aire Speaking points (3).doc

Please share as appropriate...

Ed Byrne, Wrightstown Post-Gazette and WLUK-TV/11 (FOX) in Green Bay

Warden Dave Allen handled

Inquiry on manure spill at Country Aire Farms (southern Brown County)

Reporters given information about cause of spill, response and impact to resources (details in Allen's report below).

Story will run on TV/11's news tonight (Tuesday) and in the Wrightstown Post-Gazette

This afternoon at approximately 1:55, I was notified by Roxanne Chronert of a manure spill at the Country Aire Farms at 1440 Lamers-Clancy Road south of Greenleaf in Brown County.

Chronert reported that the spill had been telephoned to the DNR Call Center at approx 6:30 a.m. and because calls to that number are forwarded to the State Patrol outside of posted hours the call went to the State Patrol. Warden Dave Allen was contacted at 9:28 a.m. The incident was investigated by Jason Moeller, Craig Webster and warden Allen.

The spill occured when a dike around a manure lagooe was breached and the contents of the lagoon slurry escaped onto frozen and snow-covered ground, and into a dry creek bed leading to an unnamed tributary to the East River. The attached spill report includes these Cleanup Action Comments: "Plugged the dike, hired vac trucks to remove product back into the lagoon - Fox Valley Septic, Brown Electric, Phil's Pumping, Randy Reno. They are all on-site with vac trucks." The spill report follows:



spillTemp.xml78605 2.pdf (26 KB...

Speaking points were prepared for warden Allen (below):



080304 - Turner -Country Aire...

Warden Allen's detailed media contact report follows:

Two media contacts, Fox 11 TV and Ed Byrne Wrightstown Post-Gazette newspaper.

Ed Byrne, Wrightstown Post-Gazette:

Q - Asked where the owner was and what happened, how much and is it under control and did the manure make it to the East River.

A - I told him there was a lot of extra water flowing, mixing with the manure (unknown amounts at this time) and it probably made it to the East River. Country Aire Dairy (CAD) has a pretty good grip on the situation and continues to pump and clean up.

After talking about (2 mins) about this spill he asked if the United Meadows case has gone to the AG's office. Told him I didn't know!

WLUK-TV/11 (FOX):

O - Cause of accident:

A - A storm water culvert pipe that runs in a earthen berm between manure storage pits was breeched and manure from the pits began flowing into the road ditch and down path of least resistance. Unknown reason for breech of pipe (freeze? thaw? freeze???) Unknown amount of manure that was spilled. Due to warm weather and rain there is a lot of additional water flowing with the manure and making it hard to contain everything. Country Aire Dairy (CAD) called in the spill right a way and has been doing everything in their power to control, stop the flow and recover.

Q - What's being done:

A - CAD cut the culvert and plugged it on both ends to stop the flow. Placed earthen and hay bale dykes to stop flow at choke pts. CAD has 5 tankers pumping and hauling from choke pts, back to the earthen pits. (Plenty of storage space left).

Q - Any impact to ground water:

A - I advised I'm not the water expert, but with the frozen ground it is unlikely, but there is no way to be sure.

Q - Compared to other manure spills:

A - I advised this was an accident and there was no way of knowing it was going to happen. Some other spills have had some negligence as to over-topping pits, or pumps/valves being left open. Each spill is different, this one looks to be an accident.

Q - Wildlife/fish impact:

A - Advised there could be something, but as of right now unsure. For the most part only rough fish in the East River. Lots of extra water flowing with manure.



DNR/NER Public Affairs Manager
Northeast Region
Wisconsin Department of Natural Resources
(2) phone: (920) 662-5122

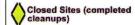
(霉) fax: (920) 662-5159

Country Aire Dairy 03-04-08 Manure Spill



Legend

Open Sites (ongoing cleanups)
Open Sites (ongoing cleanups) site boundaries shown



Closed Sites (completed cleanups) - site boundaries shown

County Boundary

ر Railroads Major Highways

Interstate
US Highway
State Highway

Local Roads

Civil Towns
Civil Town

24K Open Water

24K Rivers and Shorelines Municipalities

Scale: 1:9,622

900 1800 2700 ft.

Map created on Apr 8, 2008

Note: Not all RR Sites have been geo-located yet.

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Notes: Manure Spill began at the red star and flowed north along the blue line to the East River.





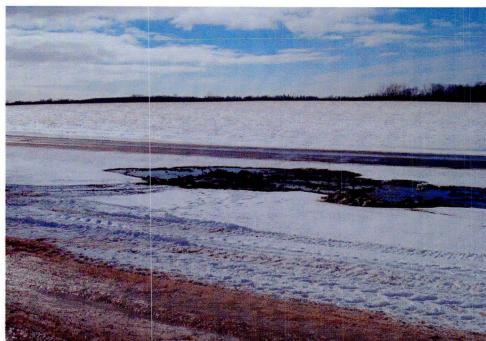




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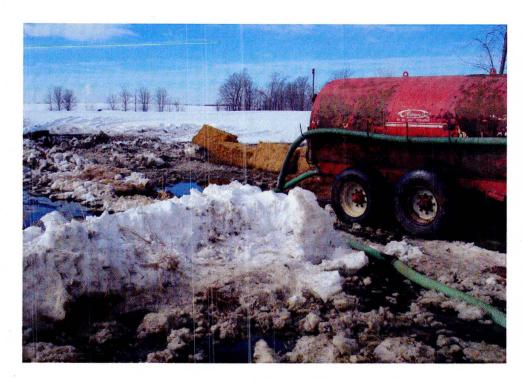
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