

Final Report

Agricultural Targeted Runoff Management &
Notice of Discharge Grant Programs

Form 3400-189A (R 05/16)

Page 1 of 2

NOTICE: This document is required under s. 281.65, Wis. Stats., and chs. NR 153 and 154, Wis. Adm. Code. A final project report must be submitted as part of the final reimbursement request. Personally identifiable information contained in this form will be used for determining reimbursement eligibility in the Targeted Runoff Management and Notice of Discharge Grant Programs and will not be used for any other purpose.

INSTRUCTIONS: Send the completed, electronic copy of this form and all attachments to the Department of Natural Resources (DNR) Region Nonpoint Source Coordinator. Please read all instructions prior to completion.

Grant Type

Select Grant Type Small Scale Non Total Maximum Daily Load (TMDL)

Project Name & Location

Project Name

Schroth Dairy Farm

Grant Number

TRC45000BY16

Governmental Unit Name

Outagamie County

County

Outagamie

Watershed Name

Wolf R.-New London and Bear

12-Digit HUC

040302021402

Project Contact Name

Elly Magdanz

Phone Number

(920) 832-6057

E-mail Address

elly.magdanz@outagmie.org

☐ For a project with multiple site locations, an aerial photo map is attached with each site location labeled.

Site Location - 1

Name of Cost-Share Recipient

Jerome Schroth

Animal Units

235

Nearest Receiving Waterbody

Unnamed Trib to Bear Creek

Township

22

Range

16

E / W

W

Section

16

Quarter

SE

Quarter/Quarter

NW

Latitude

44.378759

Longitude

-88.562111

Compliance Requirements - 1

Chs. NR 151 or 243 Wis. Adm. Code
Notice Type

NR 151

Notice letter
attached

☒

Compliance achieved? If no,
explain in site information

☒ Yes ☐ No

Compliance determination
letter attached

☒

☒ Attached is a copy of the written statement the County provided to the landowner and cost-share recipient of the landowner's obligation to maintain compliance with performance standards & prohibitions on cropland and livestock facilities addressed by the cost-share agreement. Compliance at these sites must be maintained in perpetuity regardless of future cost sharing. The County has also placed a copy of this written statement in the County files.

Summary of Results - 1

Best Management Practice Installed	Quantity	Unit of Measure	Performance Standard/Prohibition Addressed	Total Installation Cost	Load Reduction		
					Phosphorus lbs/yr	Nitrogen lbs/yr	Sediment Tons/yr
Manure Storage Systems	1	No.	Code(s) 4	\$188,905.00	566.2	2009.5	0
Waste Transfer Systems	1	No.	Code(s) 4	\$111,038.00			
Nutrient Management	473	Acres	Code(s) 9				

Site Location Attachment - 1

Check the box if the required information for the site is attached:

☒ Photos of pre-and post-implementation of BMP(s)

☒ Load reduction modeling documents

☒ Aerial photo map of site with BMPs labeled

☐ Water quality monitoring results/summary, if applicable

Site Information - 1

Narrative space will expand to fit

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Page 2 of 2

☐ DNR may use this site as a success story to meet state and federal reporting needs.

Additional Project Information and/or Comments

Narrative space will expand to fit

Grantee Certification

A responsible government official (authorized signatory) must authorize and date the final report form prior to submittal to DNR.

I certify that, to the best of my knowledge, the project is complete and the information contained in this final report and attachments are correct and true.

Name of Authorized Government Official	Title of Authorized Government Official	Date
Greg Baneck	County Conservationist	01/05/2017

For DNR Use Only

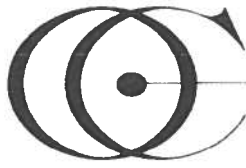
☒ Received complete reports with all attachments ☒ Practices implemented were consistent with the grant agreement

Comments about this project:

None.

Name of Region Nonpoint Source Coordinator	Date
Erin Hanson	03/01/2017

Send the Final Report and attachments to the Community Financial Assistance Grants Manager and to the Runoff Management Grant Coordinator. Keep a printed copy for the Region file.



OUTAGAMIE COUNTY
LAND CONSERVATION DEPARTMENT

3365 W. BREWSTER ST. APPLETON, WISCONSIN 54914-1602
PHONE (920) 832-5073 FAX (920) 832-4783

September 6, 2016

AG ID #: 19229
JEROME SCHROTH
W7410 ROCK RD
SHIOCTON, WI 54170

Dear Mr. JEROME SCHROTH:

On 9/6/2016, Elly Magdanz from the Outagamie County Land Conservation Department performed an inventory of livestock facilities on property that you own or operate described as,
080035400

CSM 5709 LOT 1 (PLATTED OUT OF PRT NW SE & PRT SW NE SEC16- 22-16) 37.43AC M/L ,

The purpose of this inventory was to determine compliance with Agricultural Performance Standards and Prohibitions. Compliance with these standards is a requirement for agricultural land and activities in Outagamie County per Outagamie County Chapter 4, Agricultural Performance Standards and Animal Waste Storage Ordinance.

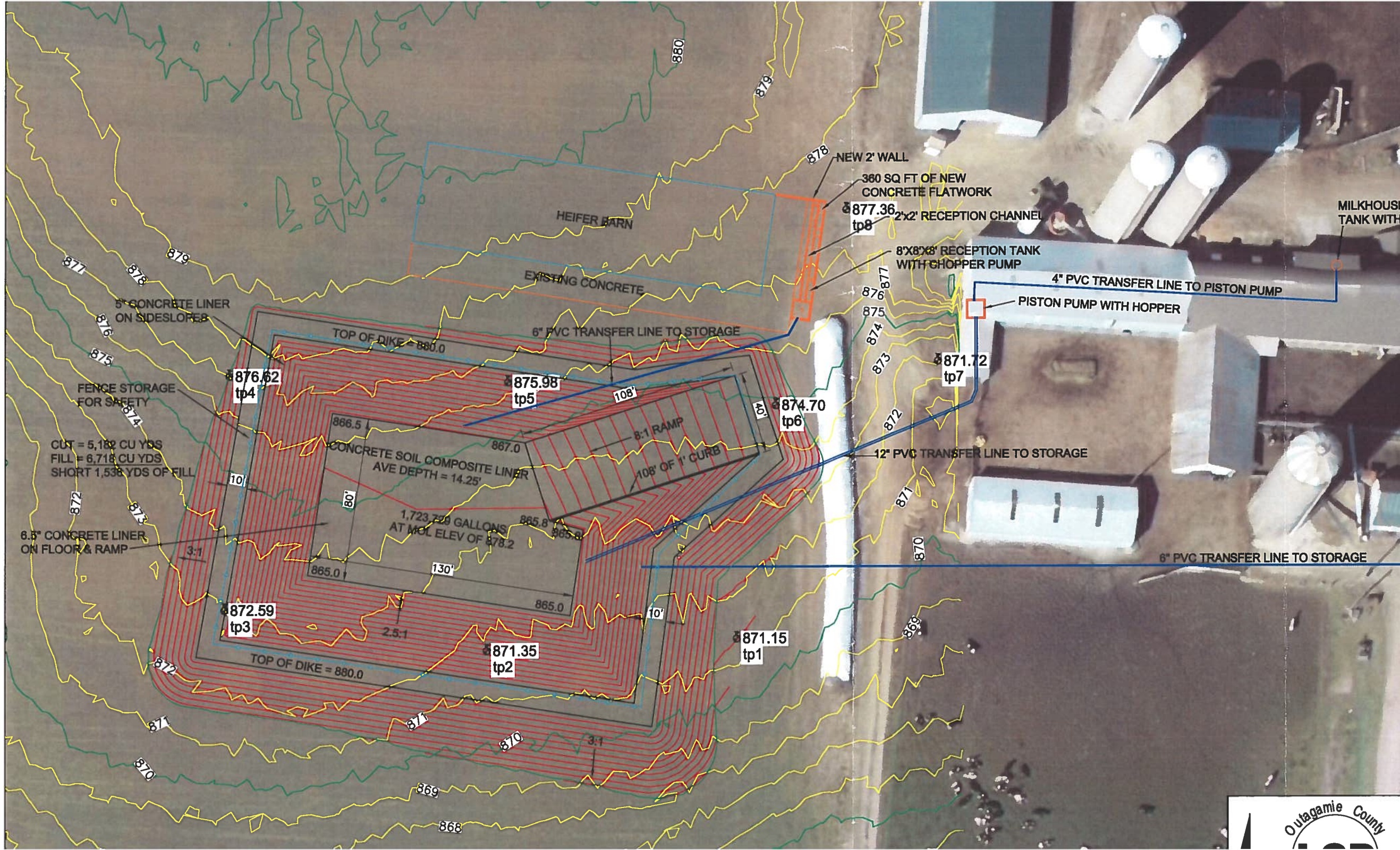
It has been determined that all livestock waste practices and facilities on your farm are currently in compliance with Agricultural Performance standards and Prohibitions currently in effect. Therefore, no further action is required by you at this time.

Outagamie County Chapter 4, Agricultural Performance Standards and Animal Waste Storage Ordinance as well as Chapter NR 151, Wisconsin Administrative Code requires that you maintain this level of compliance regardless of future cost sharing. This will require your continued operation and maintenance of all livestock facilities in accordance with accepted standards of practice. This compliance assessment and determination does not cover performance standards and prohibitions that become effective at a future date, nor does it cover requirements for cropped lands, which will be inventoried at a future date. Also, any new practices or facilities initiated or constructed on your farm in the future must comply with all effective performance standards at the time you initiate the change on your farm, regardless of cost sharing.

Thank you for your continued conservation efforts. They have contributed significantly to improved water quality within Outagamie County. If you have any further questions or concerns, please contact me at (920) 832-5073.

Sincerely,

Gregory J. Baneck
County Conservationist



CUT = 5,182 CU YDS
FILL = 6,718 CU YDS
SHORT 1,536 YDS OF FILL

6.5" CONCRETE LINER
ON FLOOR & RAMP

FENCE STORAGE
FOR SAFETY

5" CONCRETE LINER
ON SIDESLOPES

HEIFER BARN

EXISTING CONCRETE

NEW 2' WALL
360 SQ FT OF NEW
CONCRETE FLATWORK

MILKHOUSE
TANK WITH

8'X8'X8' RECEPTION TANK
WITH CHOPPER PUMP

PISTON PUMP WITH HOPPER

4" PVC TRANSFER LINE TO PISTON PUMP

12" PVC TRANSFER LINE TO STORAGE

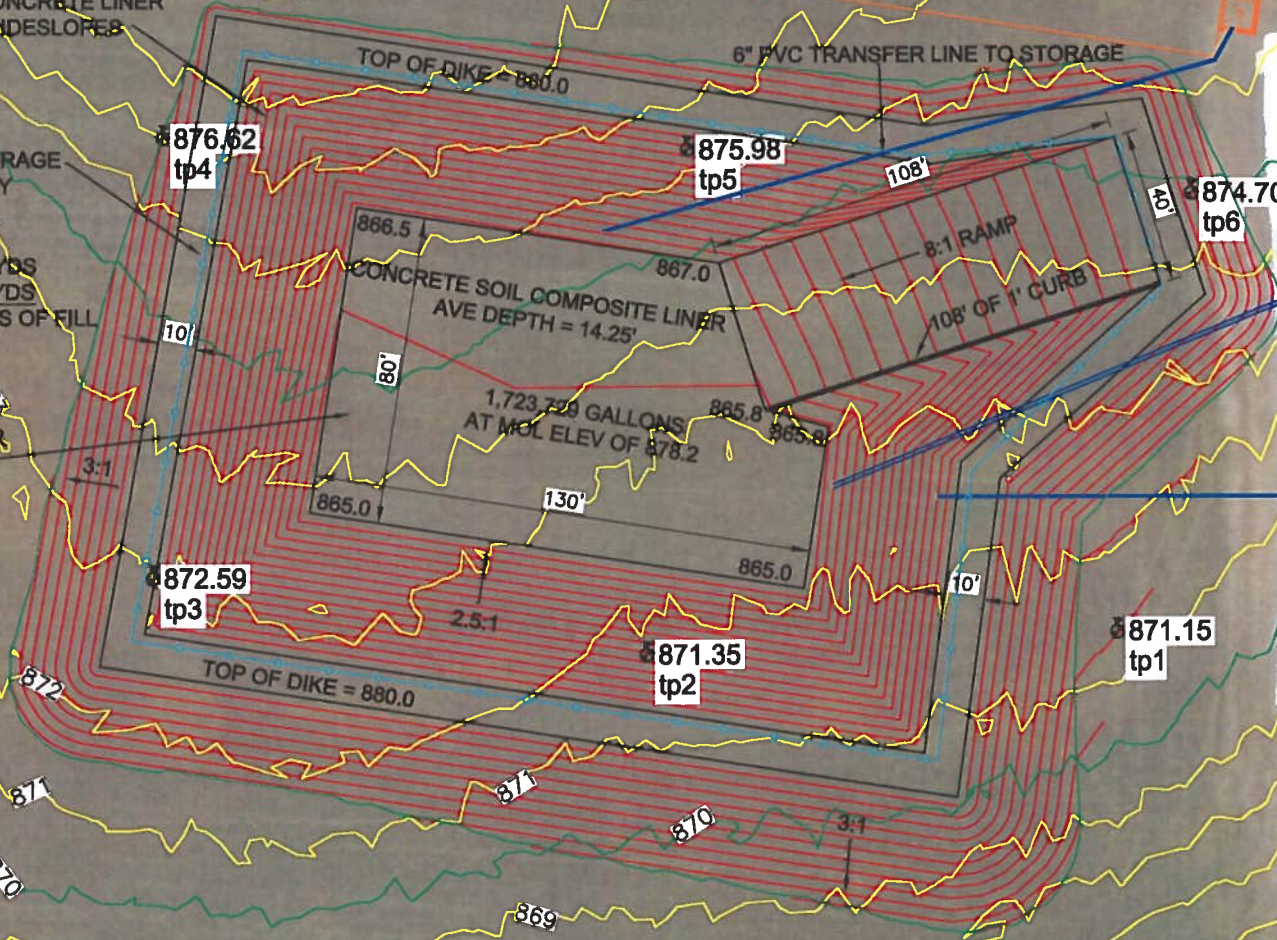
6" PVC TRANSFER LINE TO STORAGE

6" PVC TRANSFER LINE TO STORAGE

CONCRETE SOIL COMPOSITE LINER
AVE DEPTH = 14.25'

1,723,729 GALLONS
AT MOL ELEV OF 878.2

8:1 RAMP
108' OF 1' CURB



JEROME SCHROTH - DRY COW WASTE TRANSFER



JEROME SCHROTH - HEIFER WASTE TRANSFER



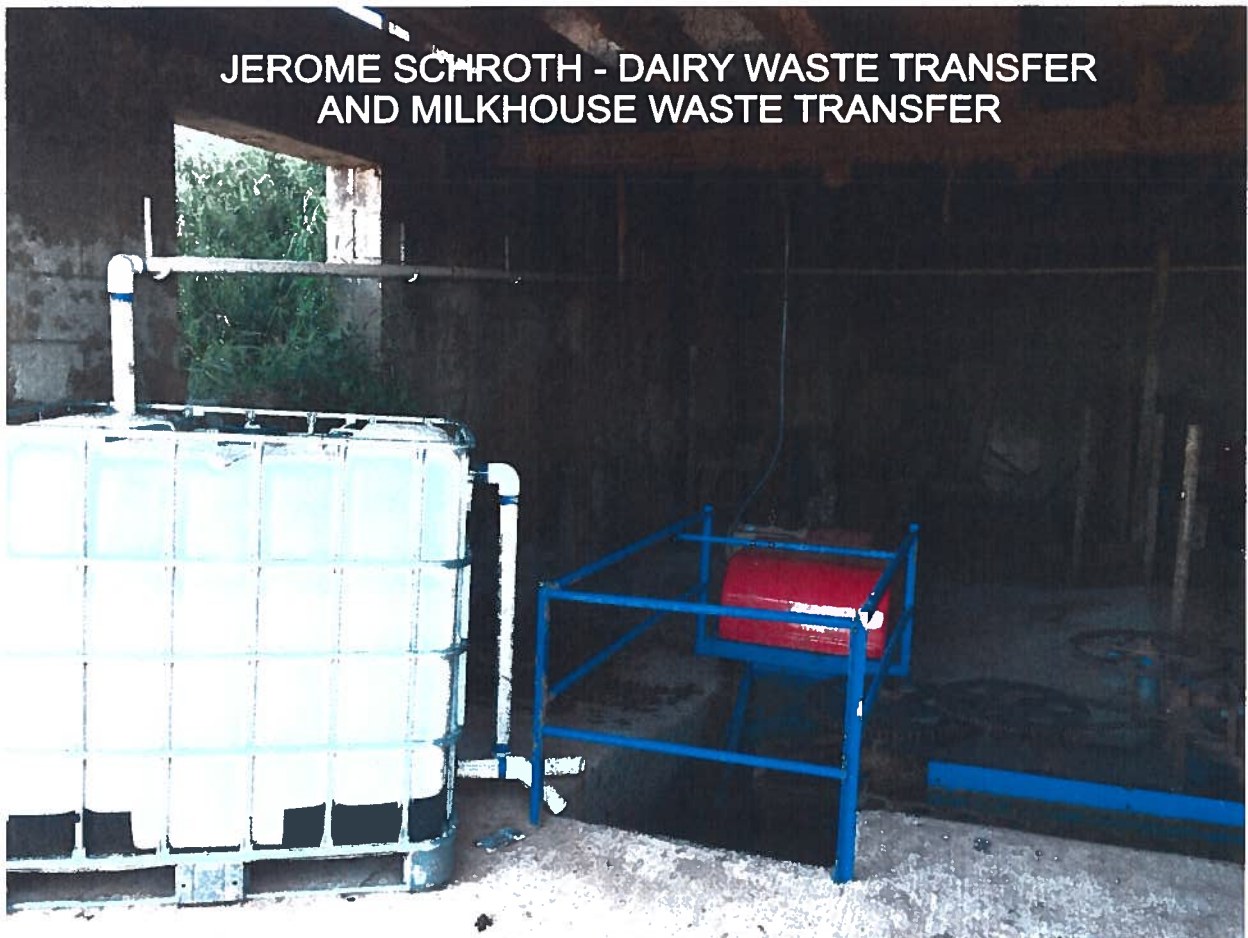
JEROME SCHROTH - BARNYARD WASTE TRANSFER



JEROME SCHROTH - DAIRY WASTE TRANSFER



JEROME SCHROTH - DAIRY WASTE TRANSFER AND MILKHOUSE WASTE TRANSFER



JEROME SCHROTH - MANURE STORAGE



Total Load This is the summary of annual nutrient and sediment load for each subwatershed. This sheet is initially protected.

1. Total load by subwatershed(s)

Watershed	N Load (no BMP)	P Load (no BMP)	BOD Load (no BMP)	Sediment Load (no BMP)	N Reduction	P Reduction	BOD Reduction	Sediment Reduction	N Load (with BMP)
	lb/year	lb/year	lb/year	t/year	lb/year	lb/year	lb/year	t/year	lb/year
W1	7173.8	1712.2	11558.1	201.7	2009.5	566.2	0.0	0.0	5164.3
Total	7173.8	1712.2	11558.1	201.7	2009.5	566.2	0.0	0.0	5164.3

c. Nutrient and sediment load by land uses with BMP (lb/year)

Watershed	Urban				Cropland				Pastureland
	N	P	BOD	Sediment	N	P	BOD	Sediment	N
W1	0.0	0.0	0.0	0.0	4912.2	1120.8	9877.0	403430.8	0.0
Total	0.0	0.0	0.0	0.0	4912.2	1120.8	9877.0	403430.8	0.0

d. Load from groundwater by land uses with BMP (lb/year)

Watershed	Urban				Cropland				Pastureland
	N	P	BOD	Sediment	N	P	BOD	Sediment	N
W1	0.0	0.0	0.0		0.0	0.0	0.0		0.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

2. Total load by land uses (with BMP)

Sources	N Load (lb/yr)	P Load (lb/yr)	BOD Load (lb/yr)	Sediment Load (t/yr)
Urban	0.00	0.00	0.00	0.00
Cropland	4912.15	1120.81	9876.98	201.72
Pastureland	0.00	0.00	0.00	0.00
Forest	0.00	0.00	0.00	0.00
Feedlots	252.17	25.22	1681.16	0.00
User Defined	0.00	0.00	0.00	0.00
Septic	0.00	0.00	0.00	0.00
Gully	0.00	0.00	0.00	0.00
Streambank	0.00	0.00	0.00	0.00