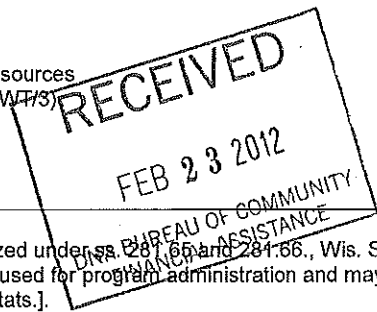


Wisconsin Department of Natural Resources
 Bureau of Watershed Management (M7/3)
 101 S. Webster St.
 Madison, WI 53703
 PO Box 7921
 Madison, WI 53707-7921



Final Report Form 3400-189 (rev. 7/30/09)

- Targeted Runoff Management Grant Program (ch. NR 153)
- Notice of Discharge Program (ch. NR 153)
- Urban Nonpoint Source & Storm Water Management Grant Program (ch. NR 155)

NOTICE: This Final Report is authorized under ss. 281.65 and 281.66, Wis. Stats., and chs. NR 153 and NR 155, Wis. Admin. Code. Personally identified information collected will be used for program administration and may be made available to requesters as required under Wisconsin Open Records Law [ss. 19.31-19.39, Wis. Stats.].

INSTRUCTIONS: Your grant agreement requires you to submit a Final Report with your final reimbursement request. This Final Report form must be used in conjunction with the "FINAL REPORT INSTRUCTIONS." The instructions detail how to complete and submit the report to DNR as described in the instructions.

1. GRANT TYPE: Check the one that applies

- Targeted Runoff Management Grant – Agricultural Targeted Runoff Management Grant – Urban
- Urban Nonpoint Source & Storm Water Management Grant – Construction Urban Nonpoint Source & Storm Water Management Grant – Planning
- Notice of Discharge Grant

2. PROJECT NAME & LOCATION:

2.1. Project Name: Ahnapee River/Massart Project		2.2. Grant Number: TRC-TK04-15000-09A	
2.3. Governmental Unit Name: Door County Soil and Water Conservation Department		2.4. Primary Watershed Name: Ahnapee River	2.5. Watershed Code: TK04

NOTE FOR SECTION 2.6 (which follows):
 Section 2.6. includes five (5) columns (A. through E.) for recording data about five (5) discrete site locations. If your grant has more than five (5) discrete project locations, attach additional columns for Section 2.6 as described in the instructions. If your project occurs in more than one 12-digit Hydrologic Unit Code (HUC), use the space in adjacent columns to record other HUC numbers.

2.6. Site Location(s) →	A.	B.	C.	D.	E.
Name of Cost-Share Recipient or Governmental Unit	Massart, Michael				
Cost-Share Agreement Number (Agricultural only)	11-MAS-01				
12-Digit Hydrologic Unit Code(s) (HUC) Where Work Was Completed	040301020204				
Nearest Surface Receiving Water Affected					
Name:	Ahnapee River				
Waterbody Identification Code(s) (WBIC):	94800				
Nearest Impaired Water Affected					
Name:					
Waterbody Identification Code(s) (WBIC):					
Pollutants Reduced	Sediment, Bacteria, Nitrates and Phosphorus				
Impairments/Impacts Addressed	-Clean Water Diversions in a WQMA -Direct Runoff to Waters of the State -Sedimentation to				

- Targeted Runoff Management Grant Program (ch. NR 153)
- Notice of Discharge Program (ch. NR 153)
- Urban Nonpoint Source & Storm Water Management Grant Program (ch. NR 155)

	Surface and Groundwater -Elimination of Winter Spreading				
Project Location(s) (cont.) ->	A	B	C	D	E
Project Coordinates:					
Town	26N				
Range	25E				
Section	30				
Quarter	NW				
Quarter-Quarter	SW				
Latitude (degrees, minutes, seconds North of Equator; use the DNR's Surface Water Data Viewer (SWDV))	44d41m55s				
Longitude (degrees, minutes, seconds W of Prime Meridian, use the SWDV)	87d30m55s				

3. SUMMARY OF RESULTS			
Table A: Agricultural Projects - Ch. NR 151 Performance Standards and Prohibitions and Other Water Resources Management Priorities			
A-1 Management Measures	Units of Measure	Quantity	Measurement Method Used
Sheet, rill and wind erosion	Acres meeting "T"	207 acres	RUSLE2
Manure Storage Facilities: New Construction/Alterations	Number of facilities	1 facilities	count
	Number of animal units	254 animal units	count
Manure Storage Facilities: Closure	Number of facilities	facilities	
Manure Storage Facilities: Failing/Leaking Facilities	Number of facilities	facilities	
	Number of animal units	animal units	
Clean Water Diversions in WQMA	Pollutant load reduction	56 lbs.	BARNY
	Number of farms with diversions	1 farms	count
	Number animal units	254 animal units	count
Nutrient Management on Agricultural Land	Acres planned	207 acres	count
Prohibition: Manure Storage Overflow	Number of farms	farms	count
	Number of animal units	animal units	count
Prohibition: Unconfined Manure Pile in WQMA	Number of farms	farms	
Prohibition: Direct Runoff From Feedlot/Stored Manure	Pollutant load reduction	56 lbs.	BARNY
	Number of facilities	1 facilities	count
	Number of animal units	254 animal units	count

- Targeted Runoff Management Grant Program (ch. NR 153)
- Notice of Discharge Program (ch. NR 153)
- Urban Nonpoint Source & Storm Water Management Grant Program (ch. NR 155)

Prohibition: Unlimited Livestock Access	Feet of bank protected	feet	
	Number of farms	farms	

Table A: Agricultural Projects (continued)	Units of Measure	Quantity	Measurement Method Used
A.2: Other Management Measures			
Streambank & Shoreline Protection	Units (use feet, acres or number as applicable) Pollutant load reduction (if method available)		
Other: Elimination of Winter Spreading	Units (use feet, acres or number as applicable) Pollutant load reduction (if method available)	207	Acres Counted
Other:	Units (use feet, acres or number as applicable) Pollutant load reduction (if method available)		
Other:	Units (use feet, acres or number as applicable) Pollutant load reduction (if method available)		

Table B: Urban Construction Projects Serving Developed Areas			
B.1: Required Management Measures	Units of Measure	Quantity	Measurement Method Used
20-40% Total Suspended Solids (TSS) Reduction for NR 216 communities	TSS reduced	lbs.	
	TSS reduction	%	
B.2: Other Management Measures			
20-40% Reduction in TSS for non-NR 216 communities	TSS reduced	lbs.	
	TSS reduction	%	
Infiltration	Pre-development stay-on volume	%	
	Stay-on volume	ft ³ /year	
Peak flow discharge for 2 year/24 hour design storm	Change in cubic feet per second for design year	ft ³ /sec	
Protective areas	Bank protected	feet	
Fueling & maintenance areas	Oily sheen presence reduced	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Streambank & Shoreline Protection	Bank erosion reduced	tons	
	Bank protected	feet	
Other:	Pollutant load reduction (if method available)		
	Units (use feet, acres or number as applicable)		

Table C: Urban Planning Projects

- Targeted Runoff Management Grant Program (ch. NR 153)
- Notice of Discharge Program (ch. NR 153)
- Urban Nonpoint Source & Storm Water Management Grant Program (ch. NR 155)

C.1. Governmental unit(s) involved (list by name):

C.2. Estimate total acres covered by the planning product:	Existing Developed Urban Areas	New Development	Total Acres
	acres	acres	acres

C.3. Products developed (check all below that apply)	Identify Documents by Name (if applicable)
<input type="checkbox"/> Storm Water Plan	
<input type="checkbox"/> Construction or Erosion Ordinances	
<input type="checkbox"/> Post-construction Storm Water Ordinances	
<input type="checkbox"/> Other Types of Storm Water Quality Ordinances	
<input type="checkbox"/> Financing Methods: identified and evaluated	
<input type="checkbox"/> Financing Methods: developed or implemented	
<input type="checkbox"/> I & E Plan	
<input type="checkbox"/> I & E Implementation Activities	
<input type="checkbox"/> Other:	

C.4. Identify the Storm Water goals addressed (check all that apply)	
<input type="checkbox"/> Reduce TSS	Comments:
<input type="checkbox"/> Maintain infiltration	
<input type="checkbox"/> Control Peak Flow	
<input type="checkbox"/> Protective Areas	
<input type="checkbox"/> Control of Fueling & Maintenance Areas	
<input type="checkbox"/> Remove Illicit Discharges	
<input type="checkbox"/> Other:	

4. Satisfaction of Notice Requirements: If cost sharing for this project was offered under a formal notice pursuant to chs. NR 151 or 249, provide information for each notice in the table below.

Notice Information	Notice Satisfaction Information
--------------------	---------------------------------

- Targeted Runoff Management Grant Program (ch. NR 153)
- Notice of Discharge Program (ch. NR 153)
- Urban Nonpoint Source & Storm Water Management Grant Program (ch. NR 155)

Chs. NR 151 or 248 Notice Type	Issue Date	From (Name)	To (Name)	Satisfied?		Date Letter Sent
				Yes	No	
Local Regulation	October 10, 2008	Door County SWCD	Michael Massart	<input checked="" type="checkbox"/>	<input type="checkbox"/>	February 14, 2012
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	

5. Additional Information: (Space will expand to fit your text.)

The project at the Massart farm was a holistic project that addressed water quality concerns at two sites. The Massart's elected to build facilities at the home farm with out cost-share assistance to tie into the overall project and move young stock from a satellite farm. Both sites are now compliant, and their operation is located at one site to provide for a more viable future.

6. Summary of Project Challenges: (Space will expand to fit your text.)

7. Grantee Certification

Checking here certifies that, to the best of your knowledge, the information contained in this report is correct.

Name of Authorized Representative (type or print) ↓

William Schuster

Title of Authorized Representative (type or print) ↓

County Conservationist

Signature of Authorized Representative



Date

February 16, 2012

8. For Departmental Use Only

Regional NRS Coordinator - Please complete the following

Final Report Form 3400-189 (rev. 7/30/09)

- Targeted Runoff Management Grant Program (ch. NR 153)
- Notice of Discharge Program (ch. NR 153)
- Urban Nonpoint Source & Storm Water Management Grant Program (ch. NR 155)

8.A. Check here if you have received the following from the project sponsor:

- one (1) printed, signed, original Final Report + attachments
- one (1) electronic version of Final Report

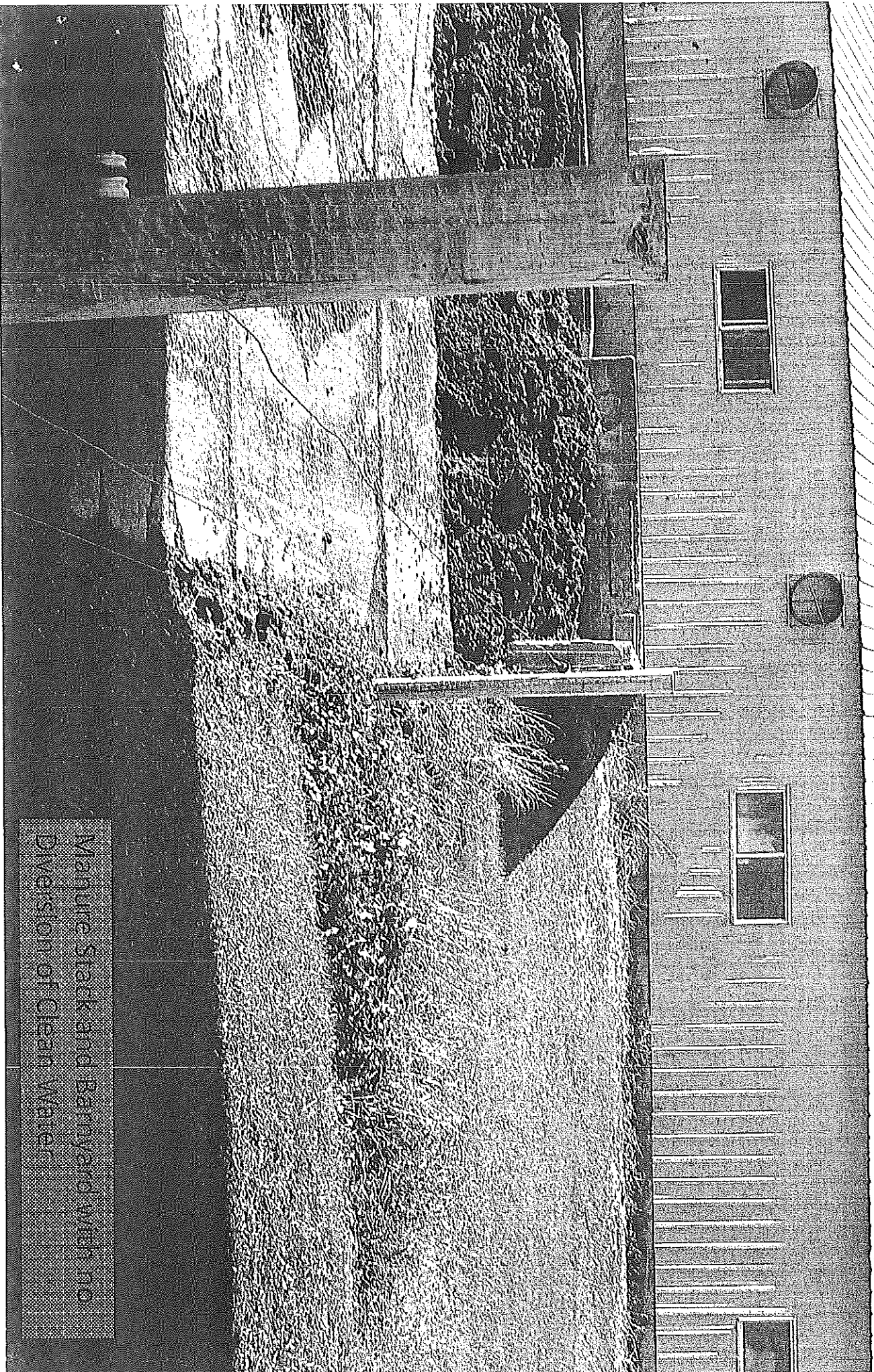
Send the printed, signed original Final Report with attachments + electronic version to the Community Financial Assistance Grants Manager. Community Financial Assistance will forward to Runoff Management Section Grants Coordinator.

8.B. Comments about this project:

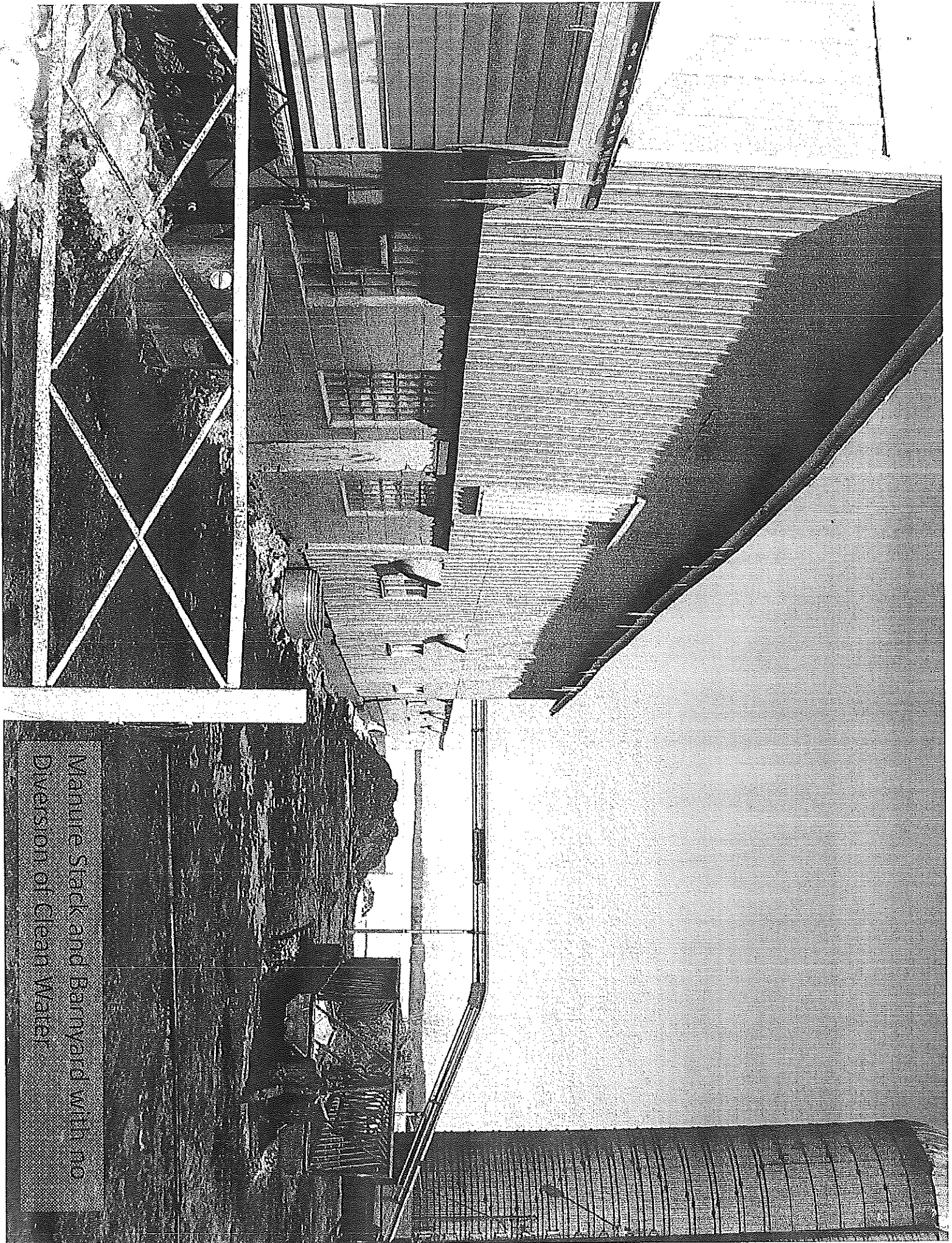
8.C. Type or print Name of Regional NPS Coordinator ->

8.D. Signature of Regional NPS Coordinator

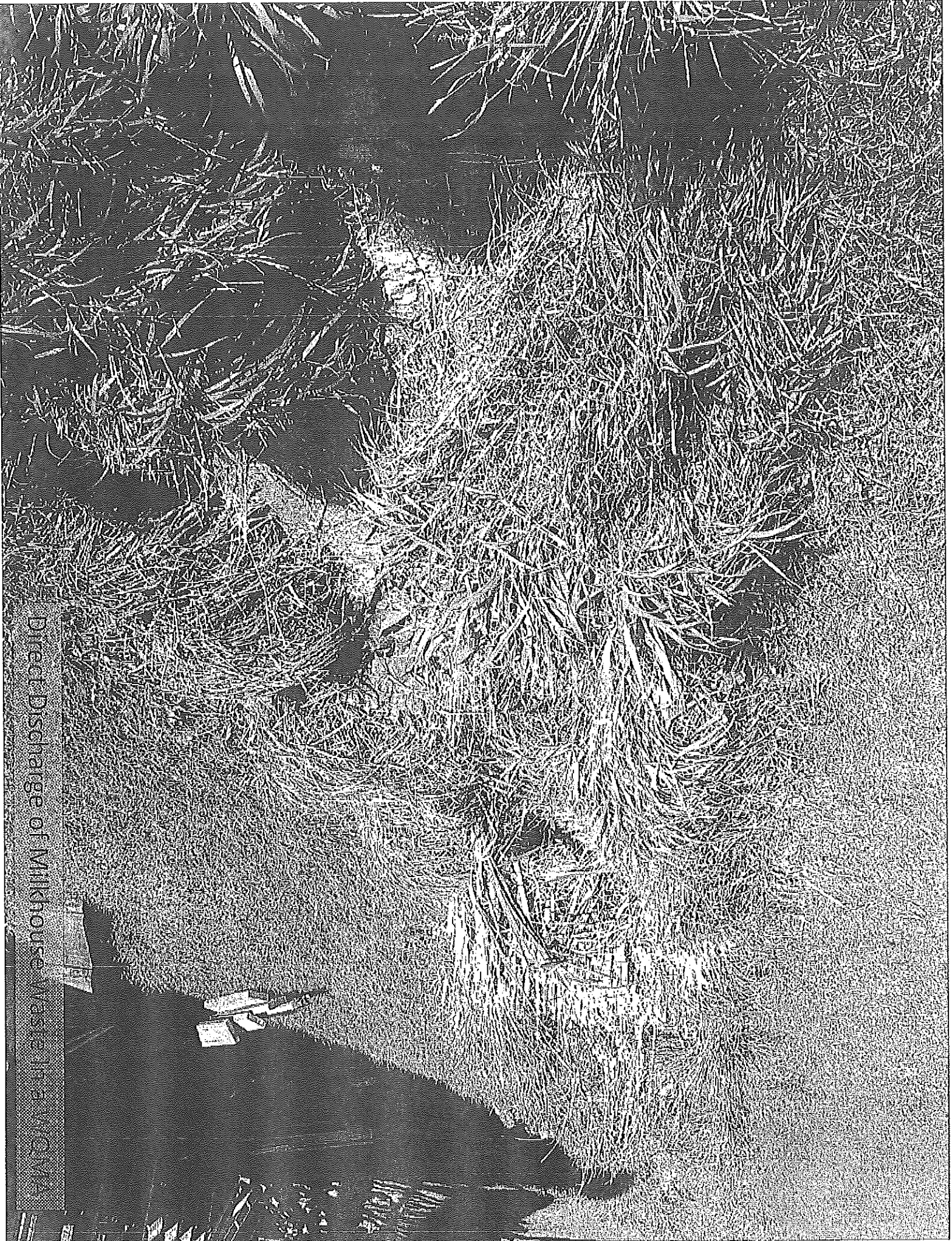
8.E. Date



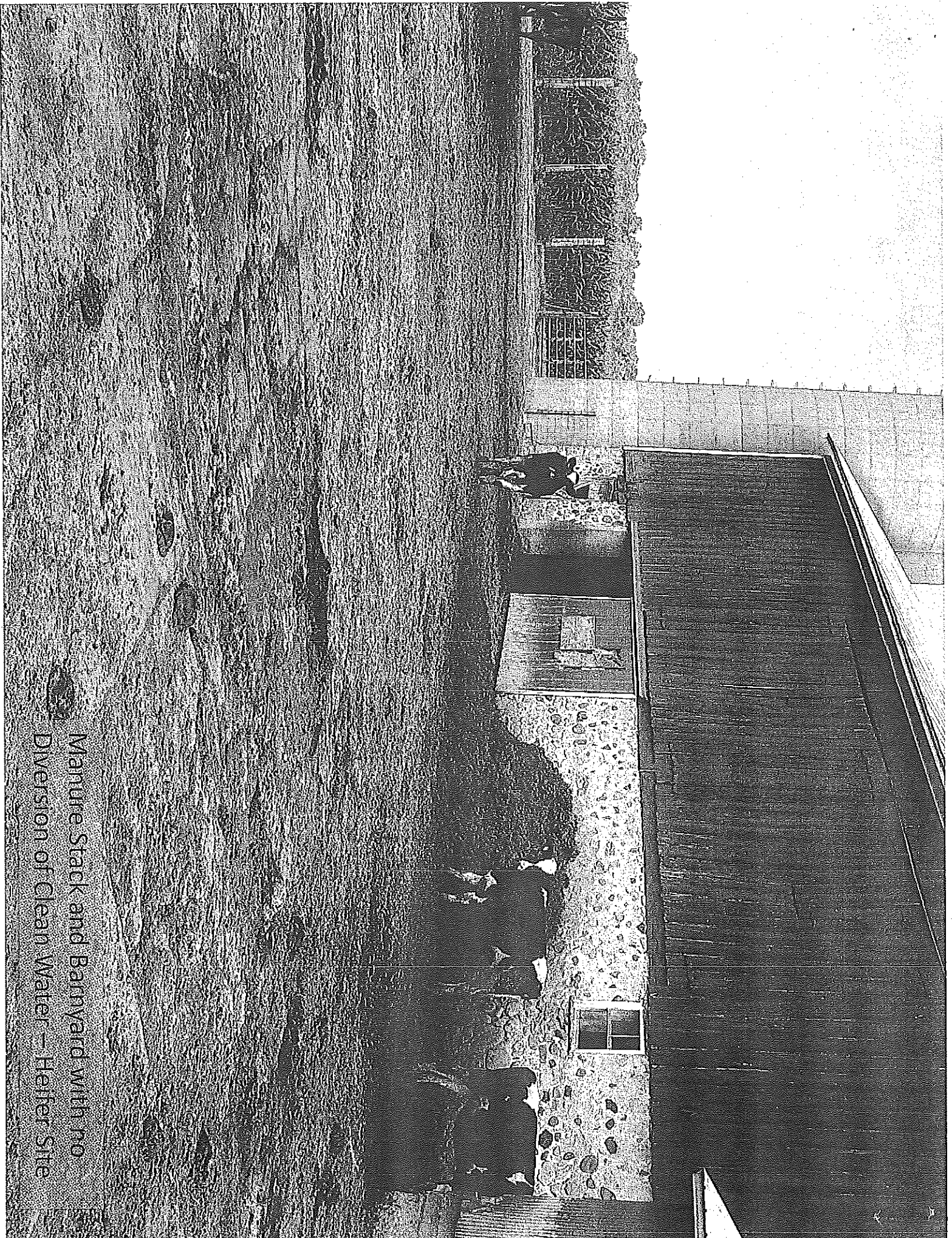
Manure Stack and Barnyard with no
Diversion of Clean Water



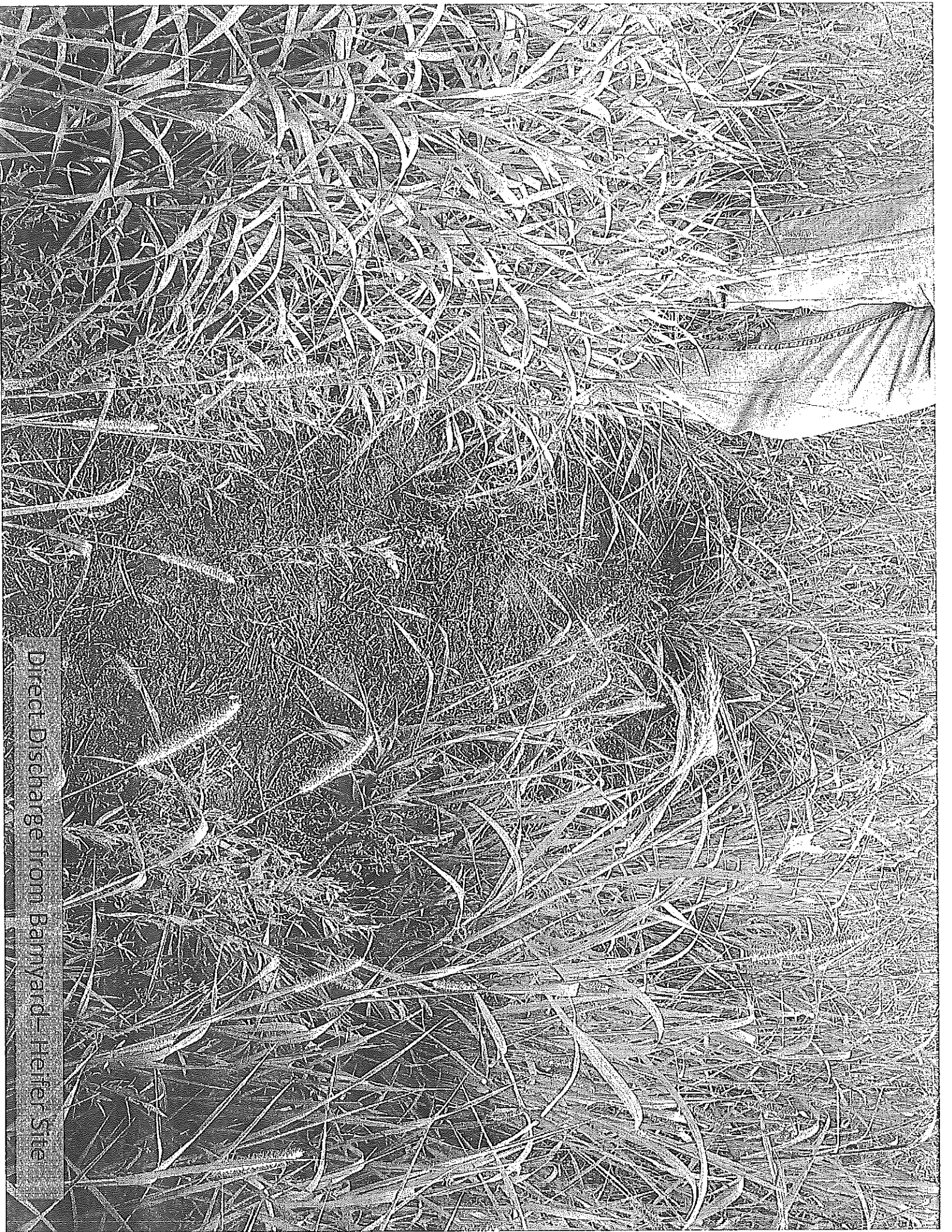
Manure Stack and Barnyard with no
Diversion of Clean Water



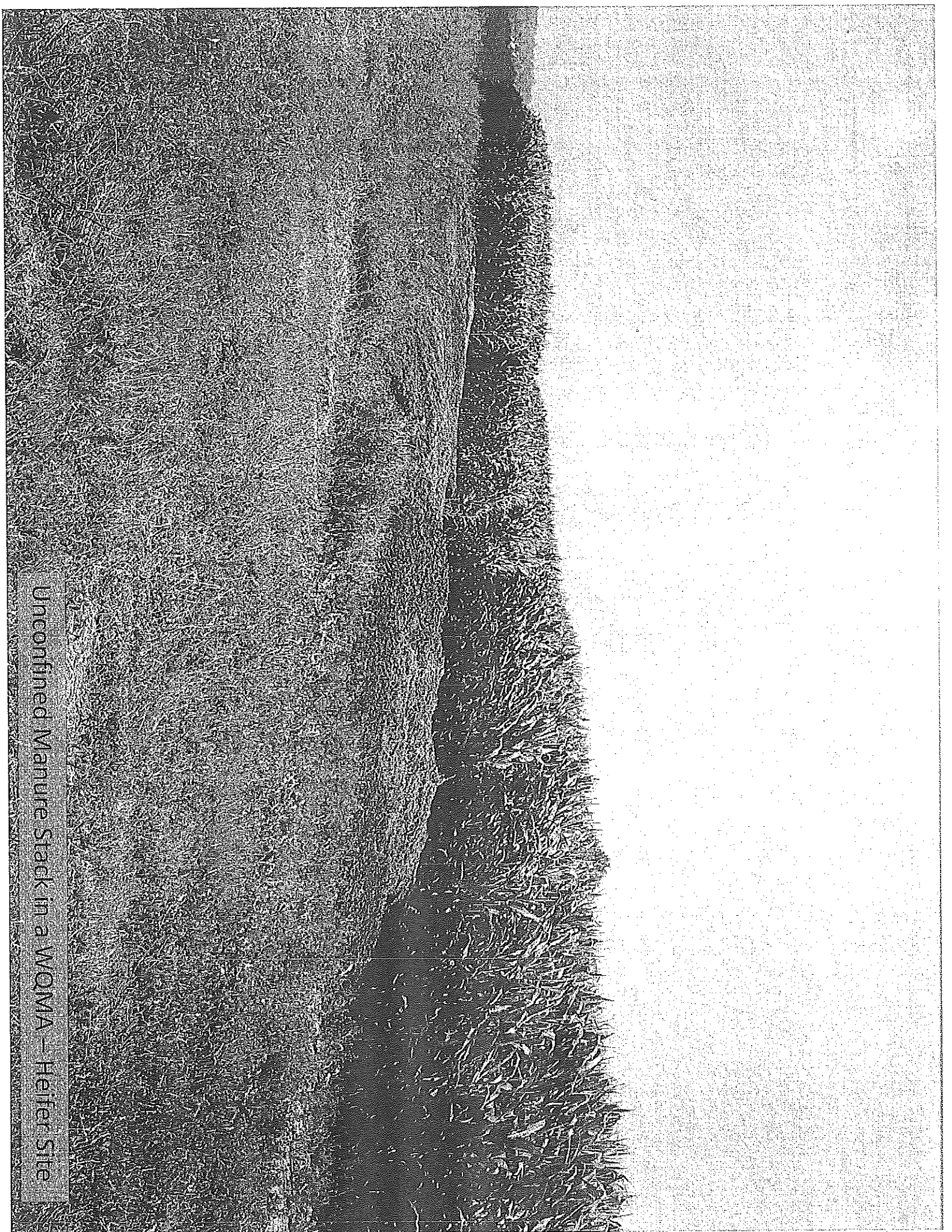
Direct Discharge of Milkhouse Wastes in a Cow



Manure Stack and Barnyard with no
Diversion of Clean Water — Heifer site



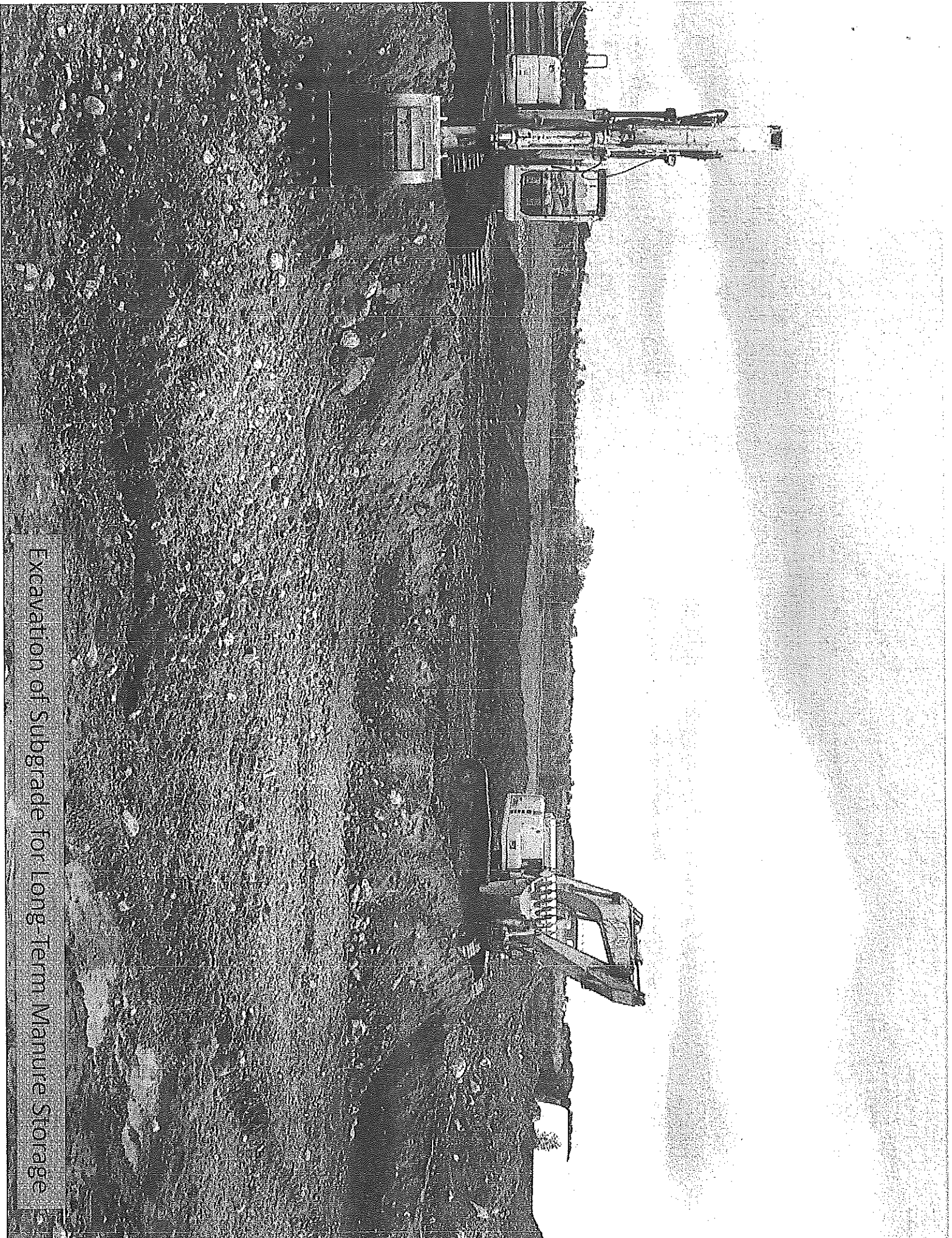
Direct Discharge from Bannyard - Herfer Site



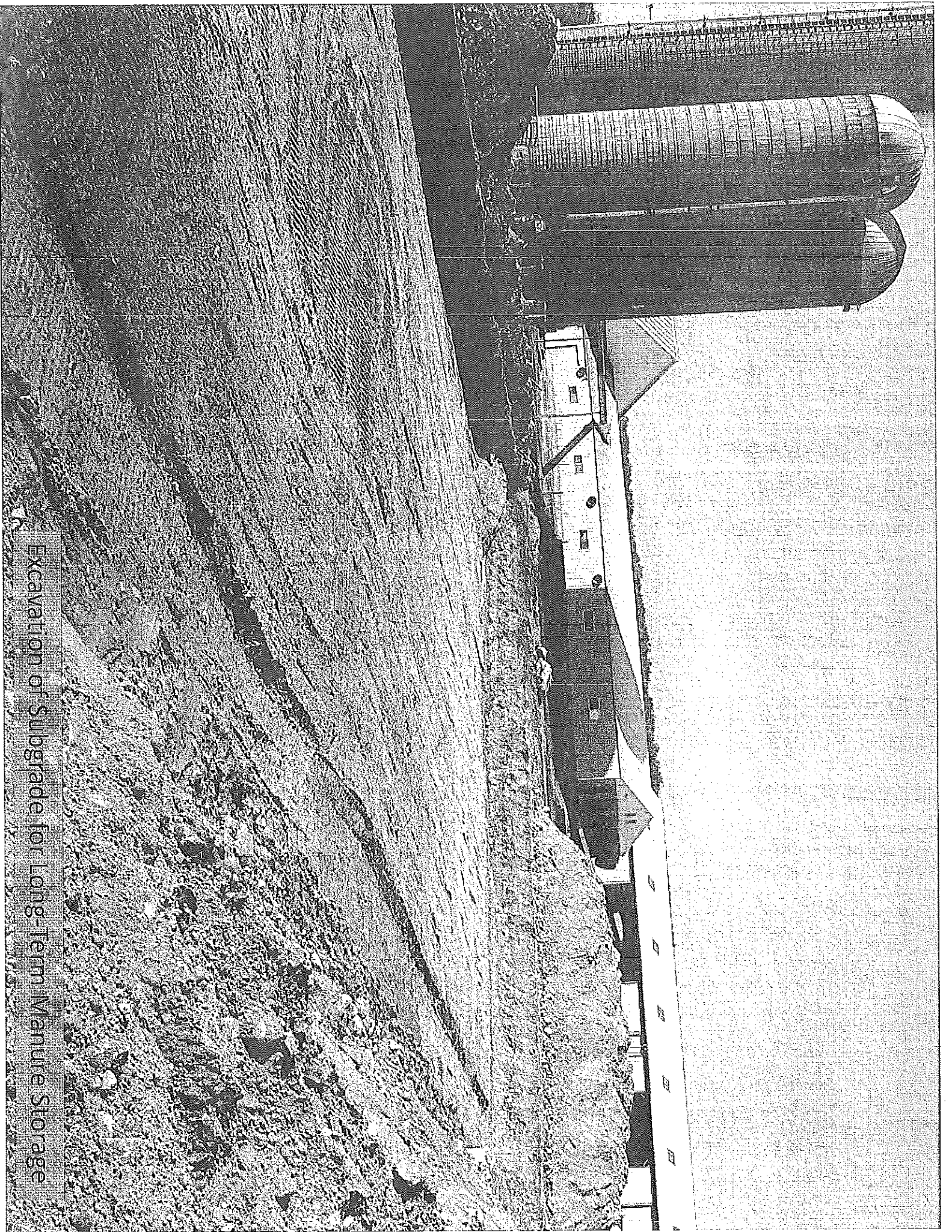
Unconfined Manure Stack in a WQMA - Heifer Site



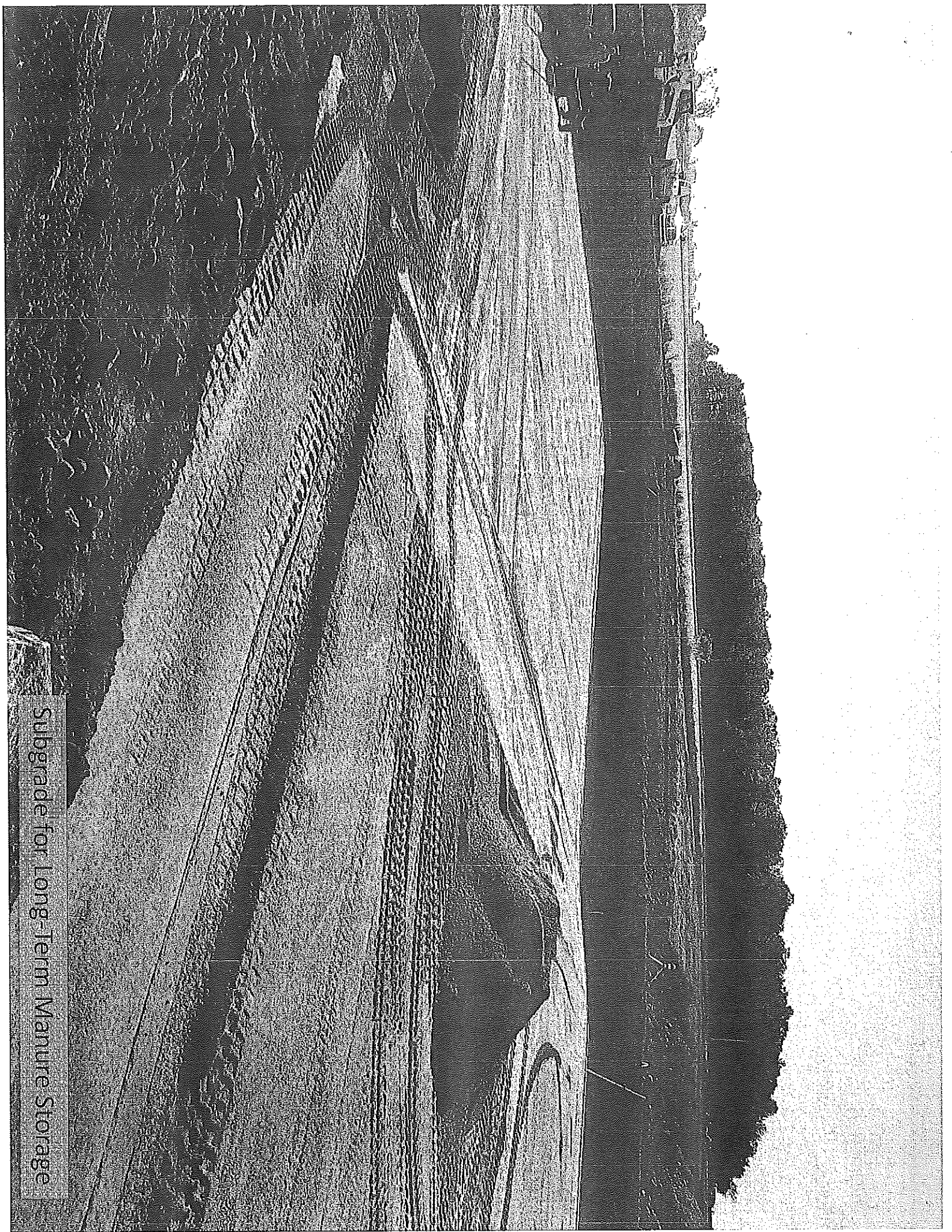
Topsoil Stripping and Excavation of Subgrade



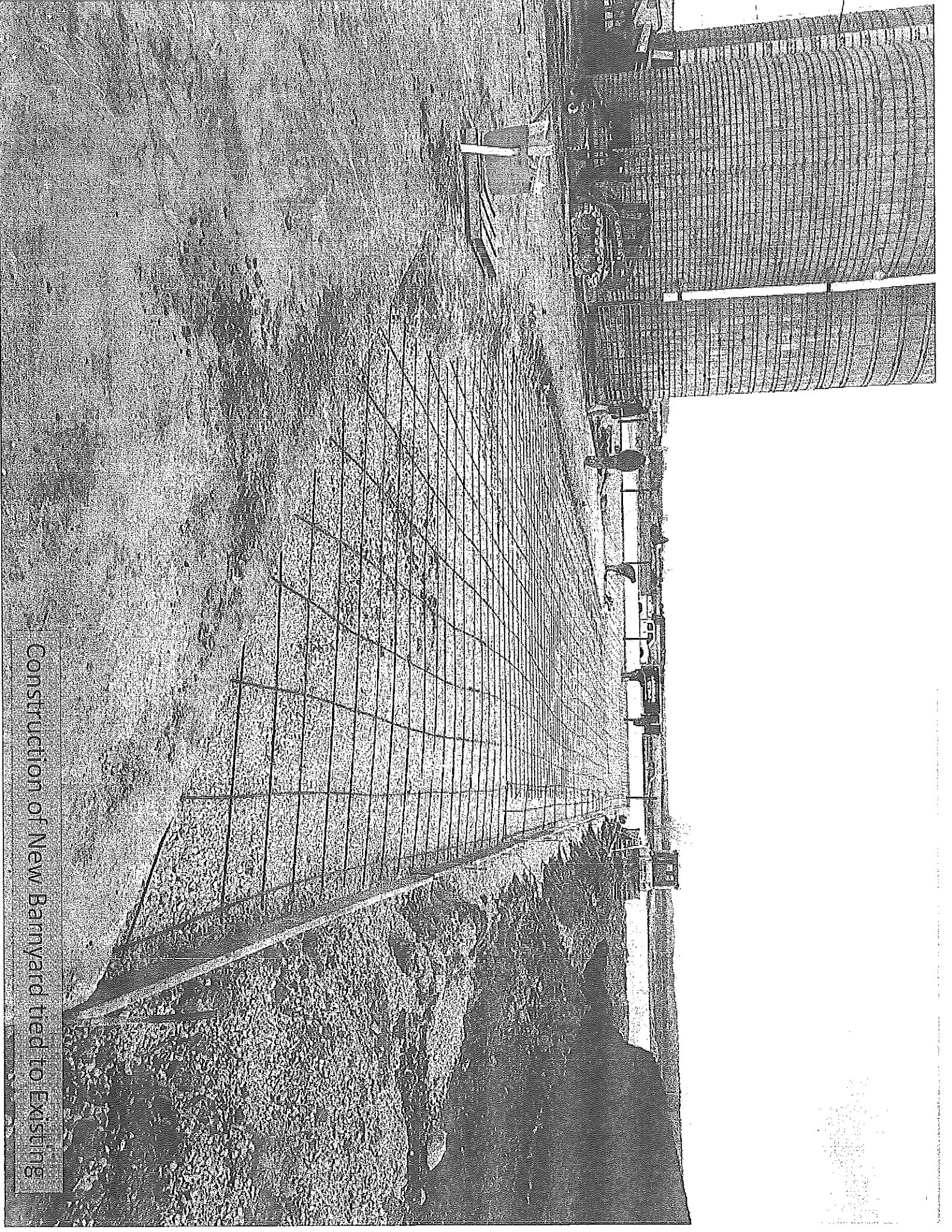
Excavation of Subgrade for Long-Term Manure Storage



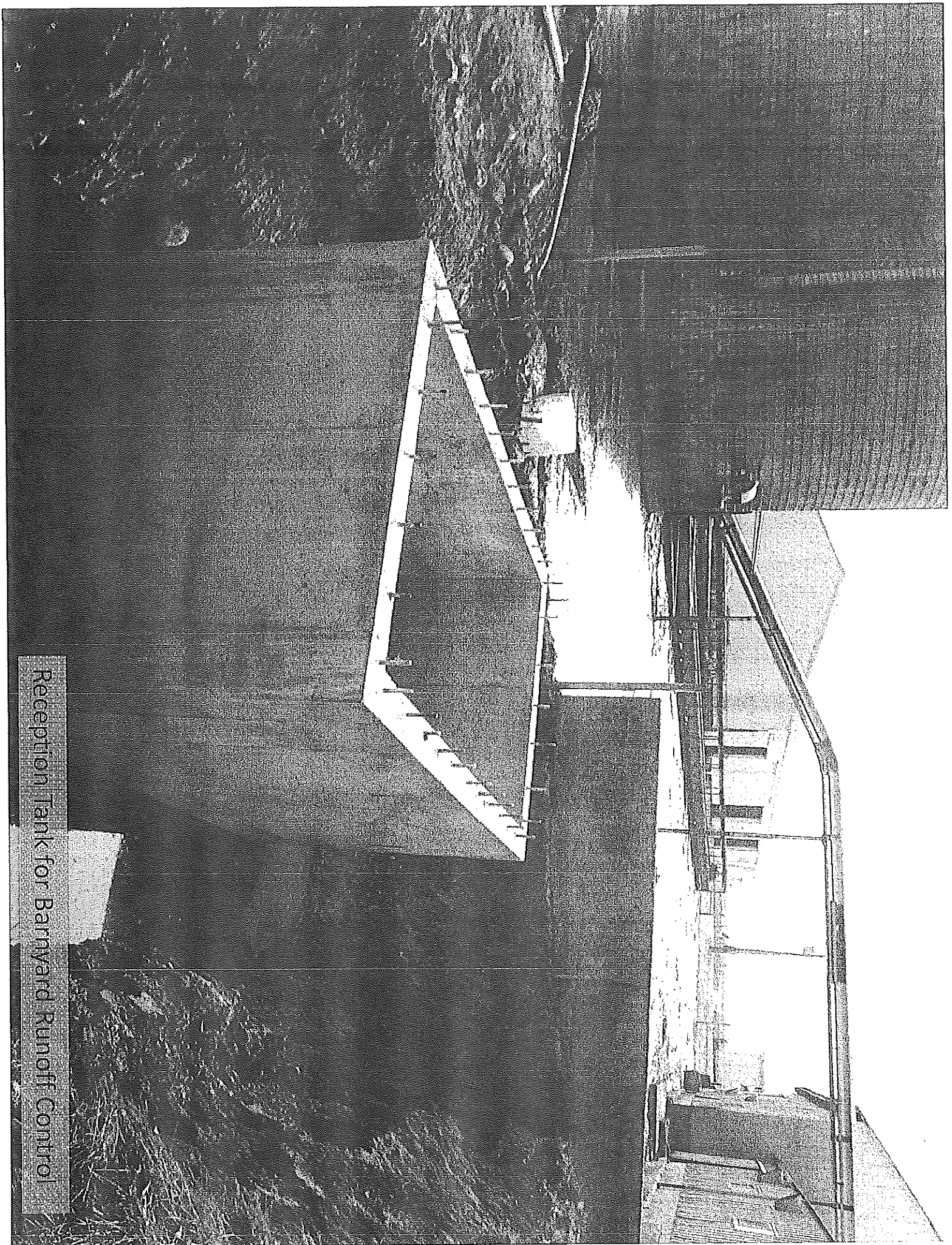
Excavation of Subgrade for Long-Term Manure Storage



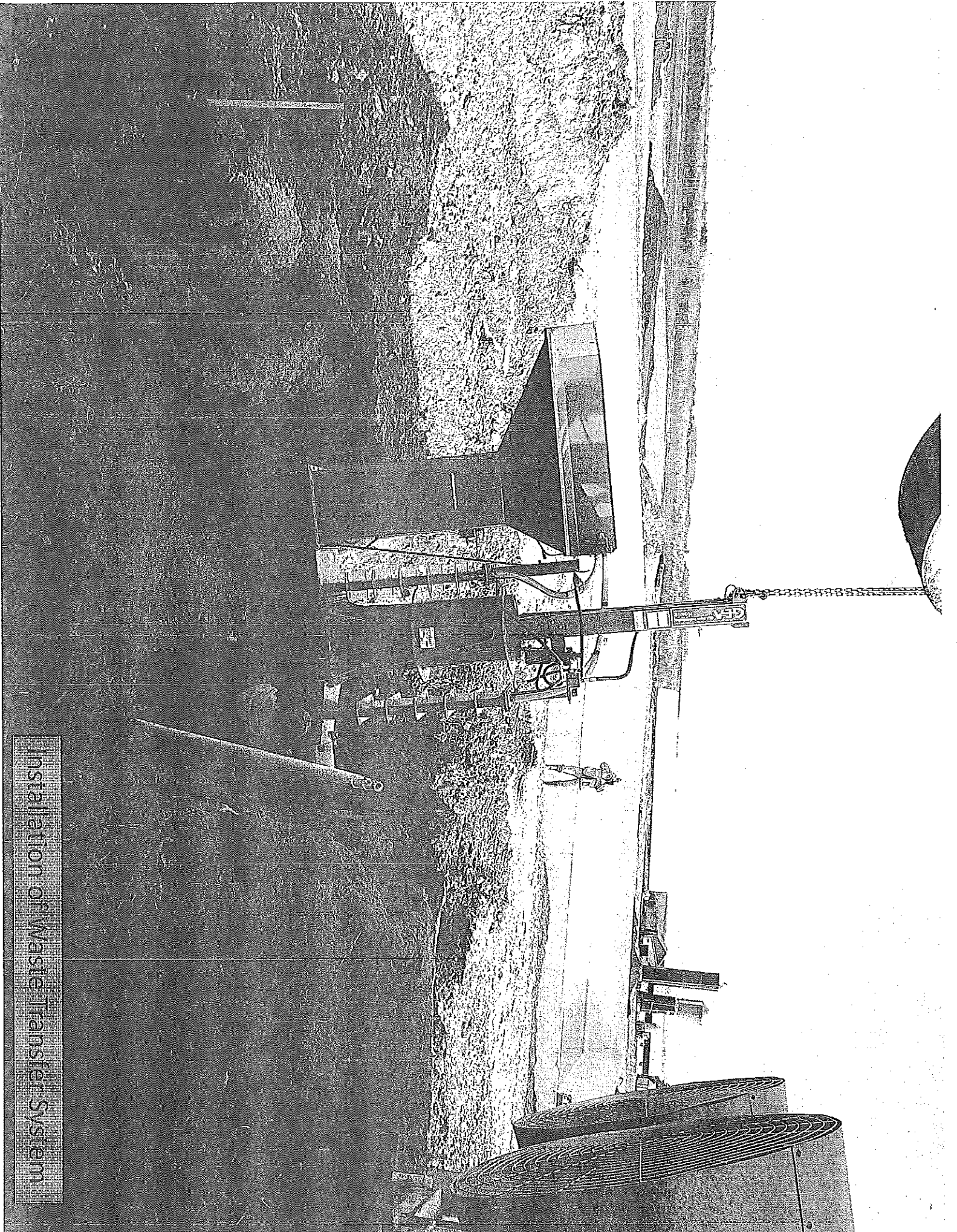
Subgrade for Long-Term Manure Storage



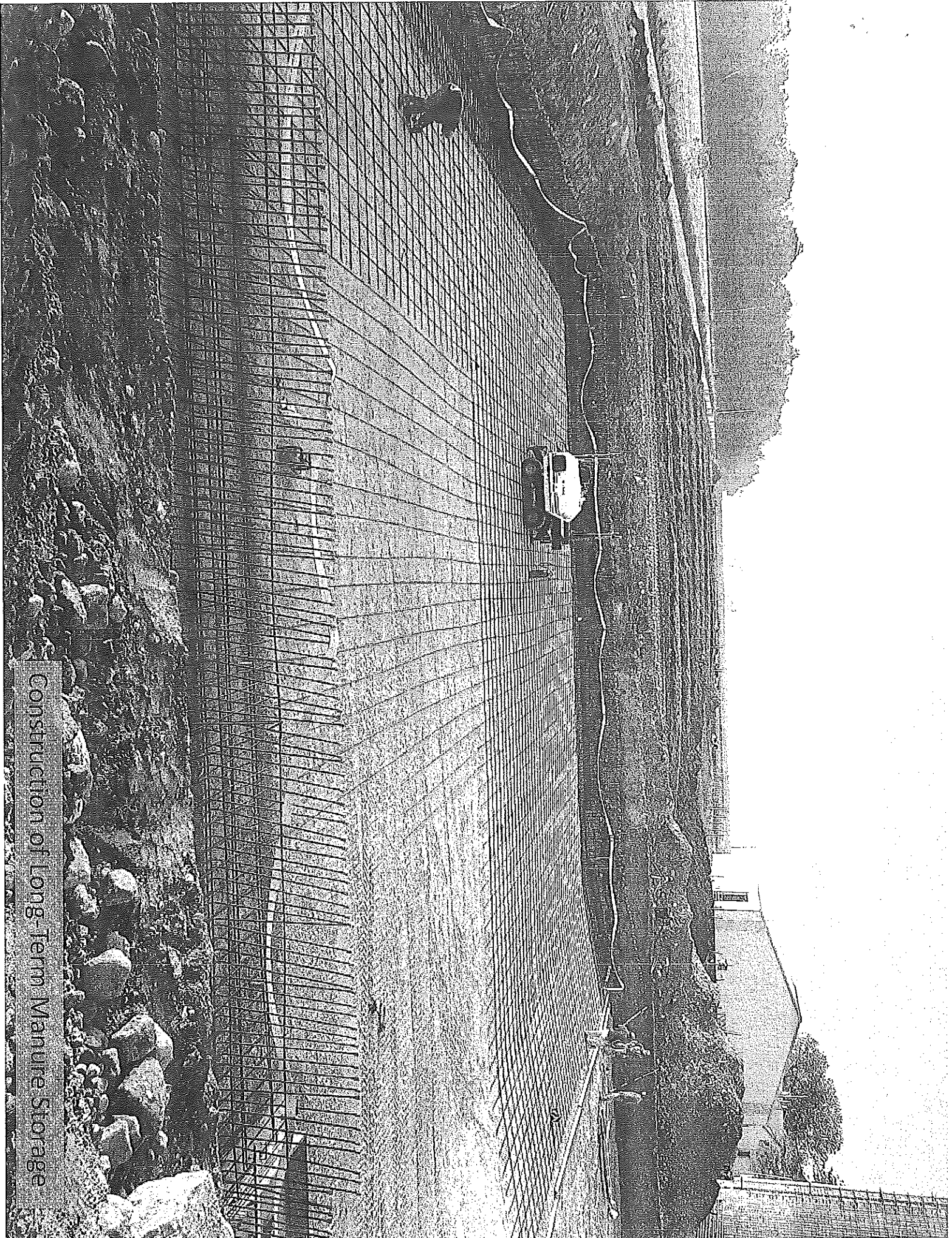
Construction of New Barnyard tied to Existing



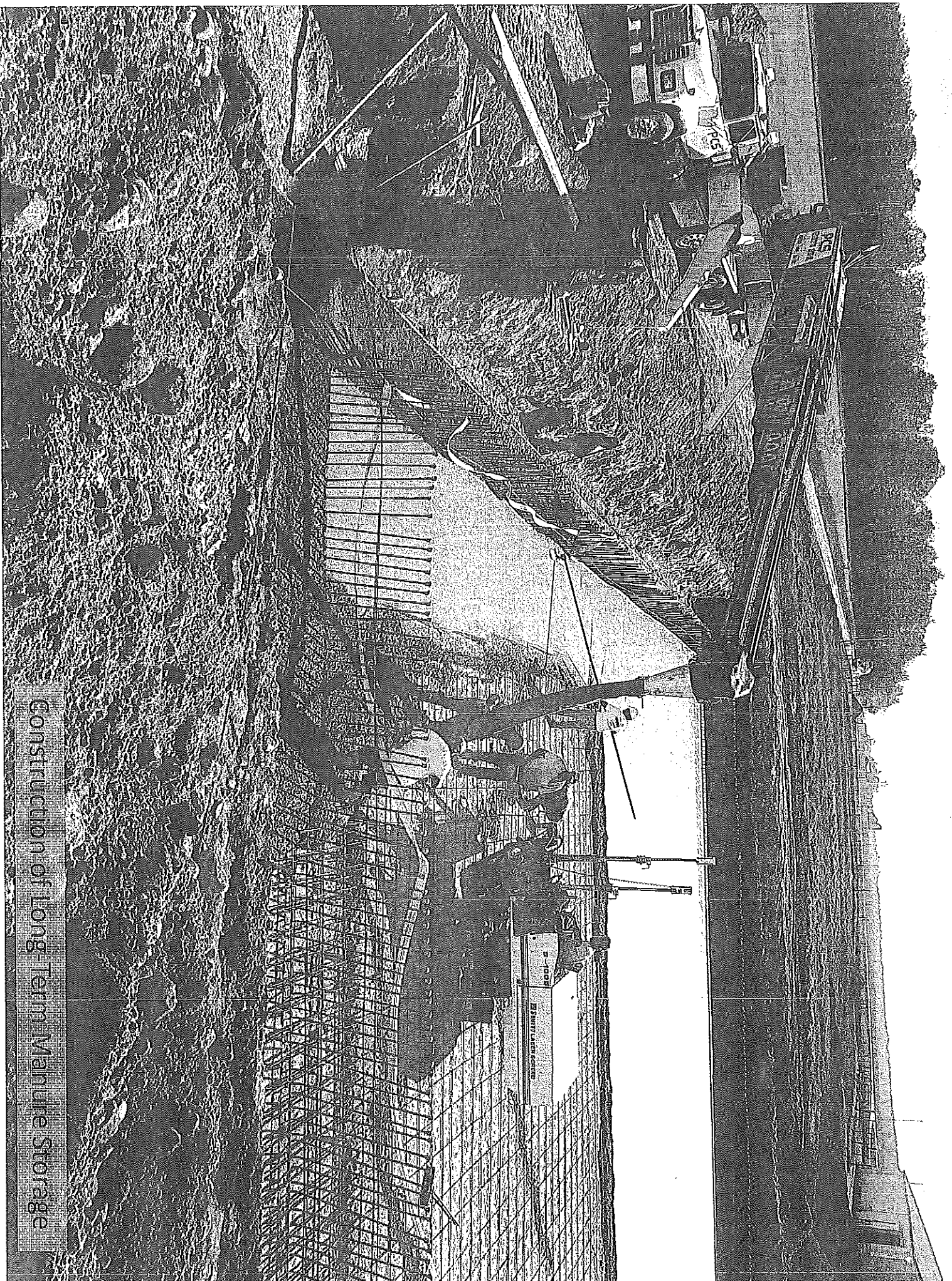
Reception Tank for Barnyard Runoff Control



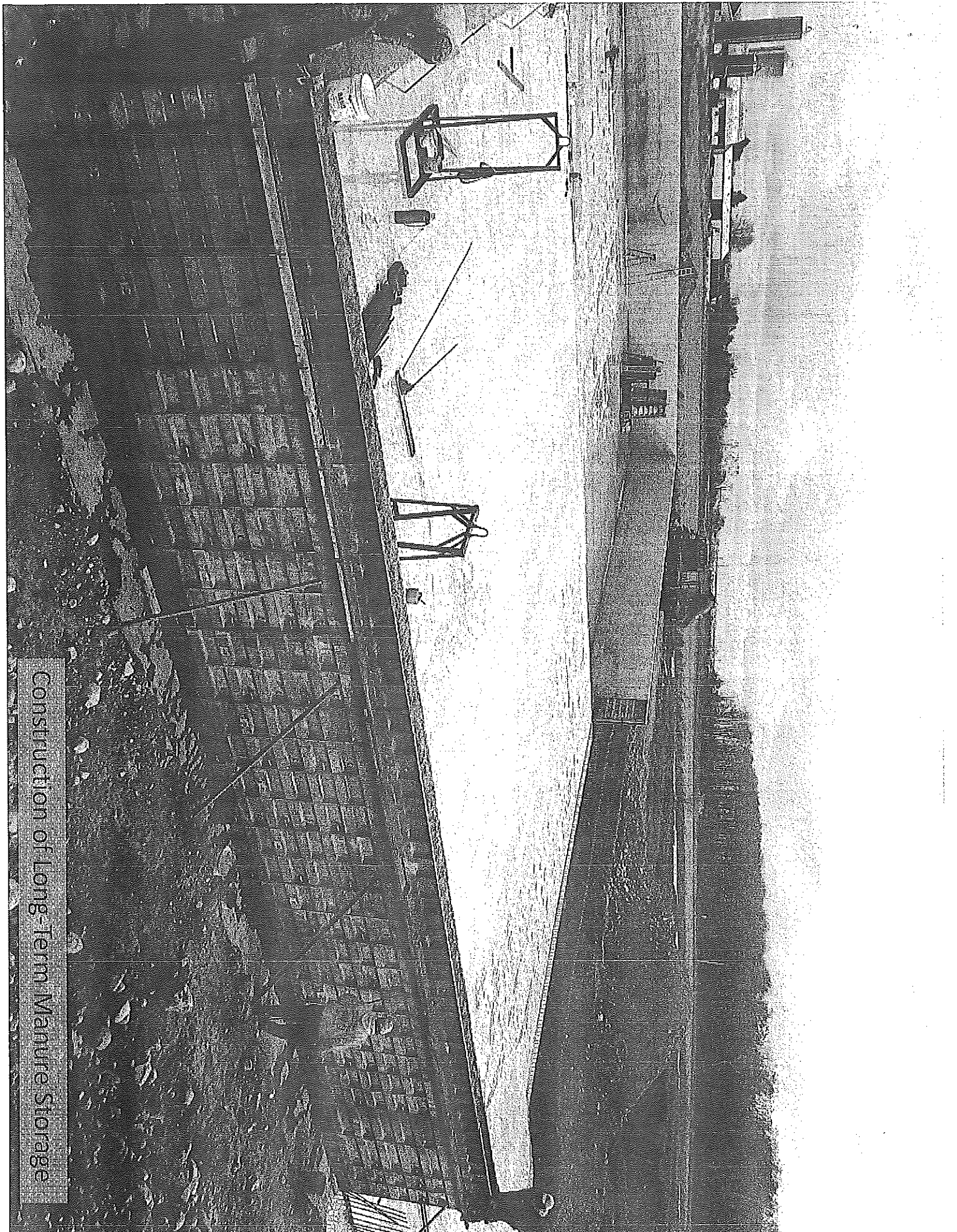
Installation of Waste Transfer System



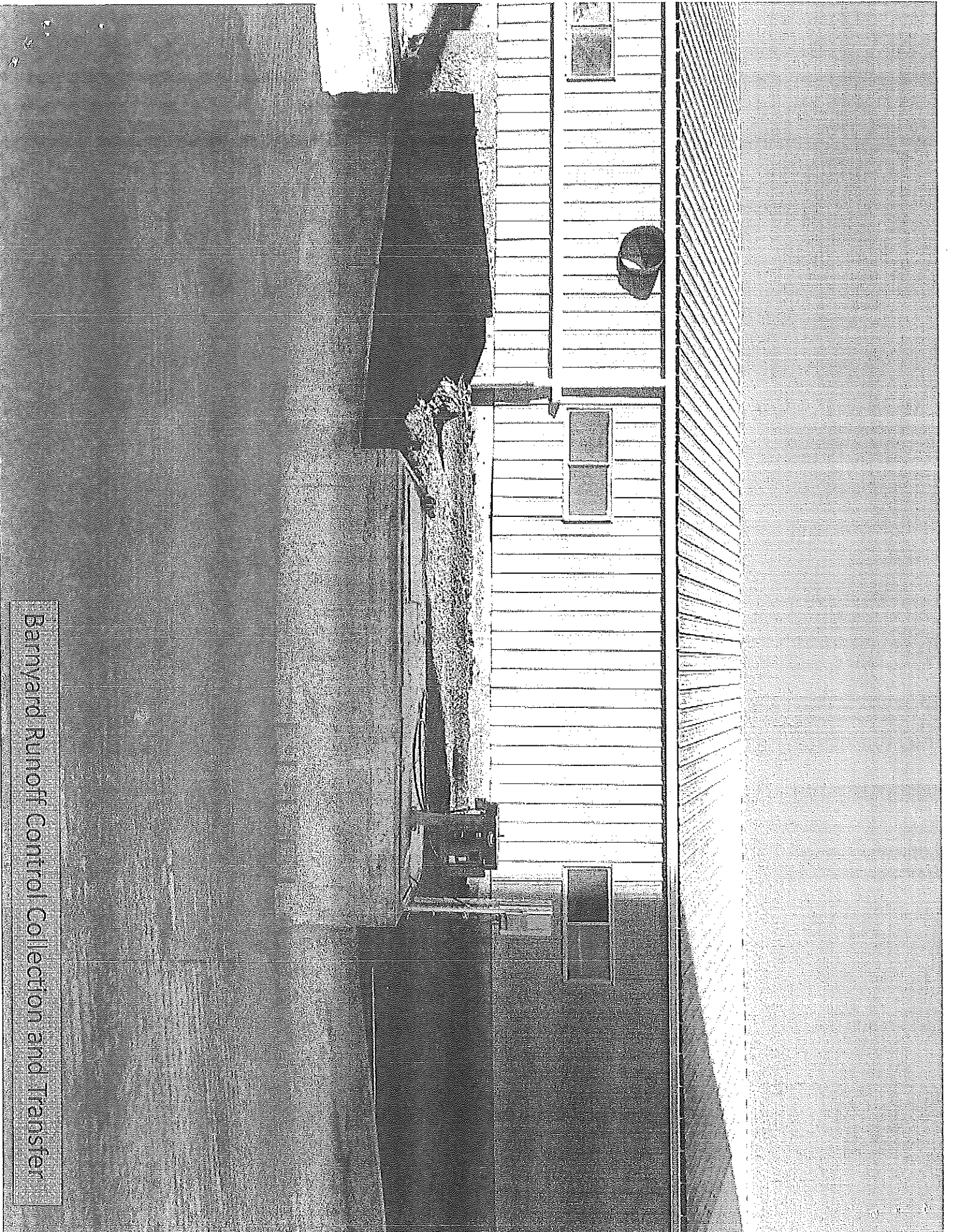
Construction of Long-Term Manure Storage



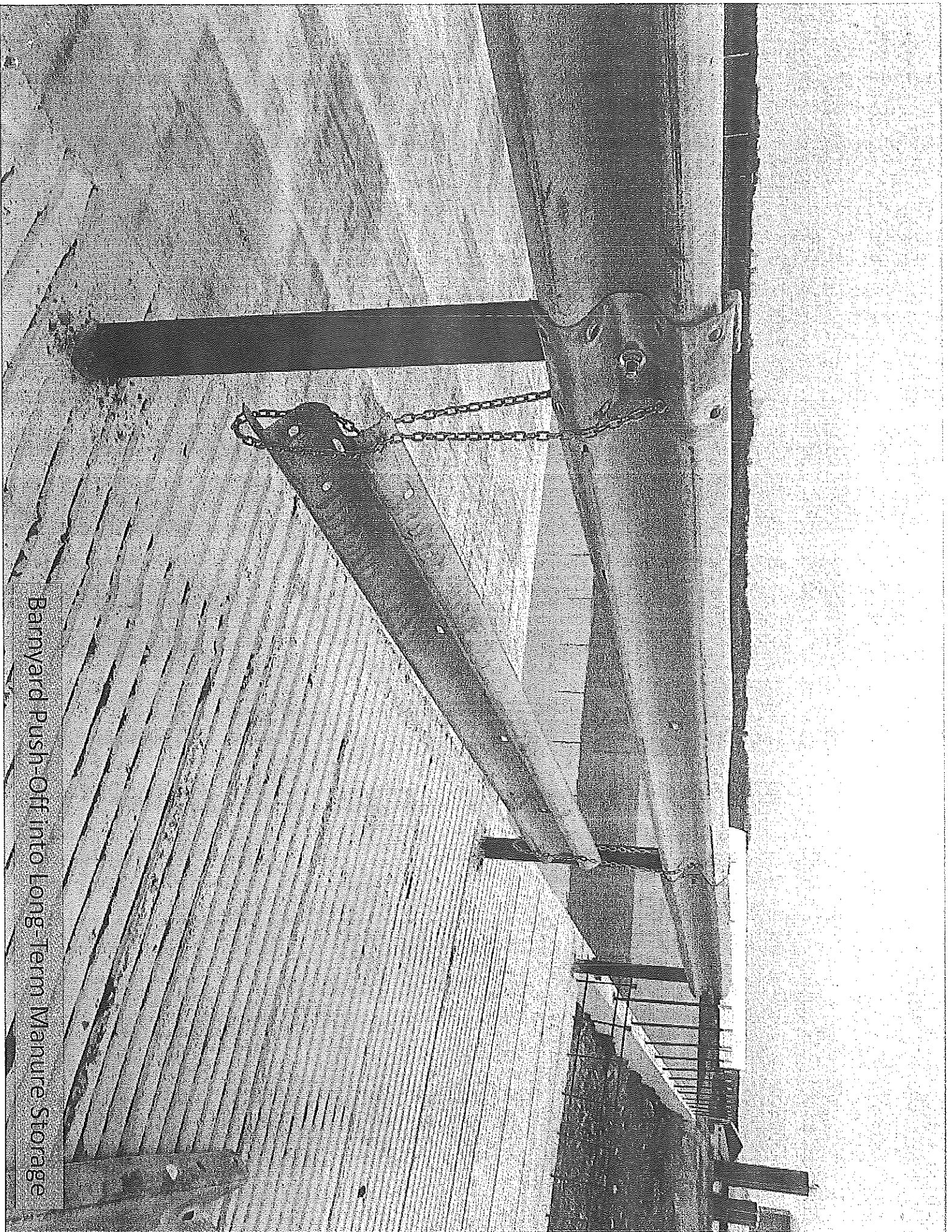
Construction of Long Term Manure Storage



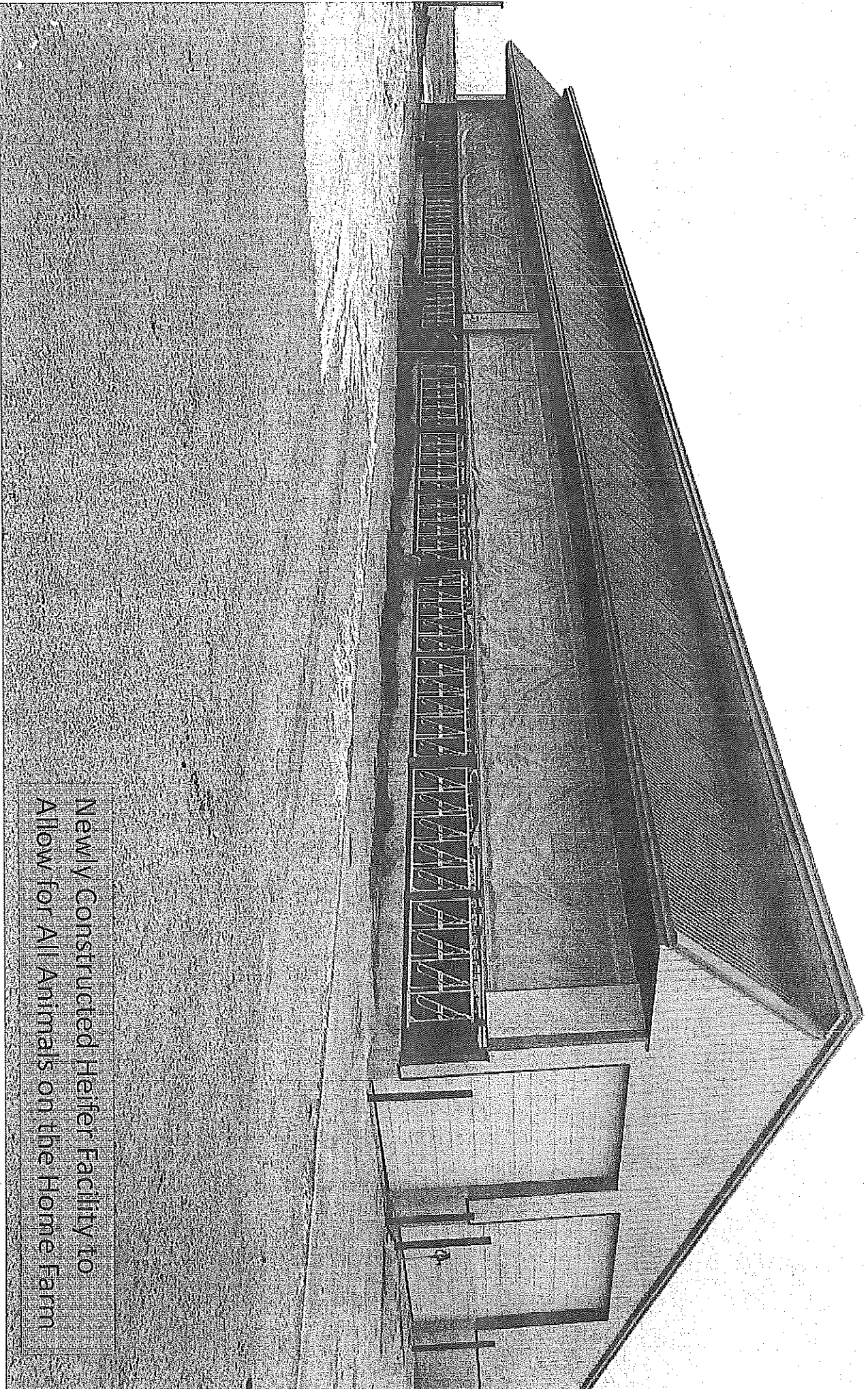
Construction of Long-Term Manure Storage



Barnyard Runoff Control Collection and Transfer



Barnyard Push-Off into Long-Term Manure Storage



Newly Constructed Heifer Facility to Allow for All Animals on the Home Farm

