

RECEIVED  
CLERK'S OFFICE

DEC 20 2004

STATE OF ILLINOIS  
Pollution Control Board

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

ADAIR AG, LLC (Adair)	)
(Property Identification Number	)
14-000-131-05)	)
Petitioner,	) PCB 04
	) (Tax Certification)
ILLINOIS ENVIRONMENTAL	)
PROTECTION AGENCY	)
Respondent.	)

05-112

NOTICE

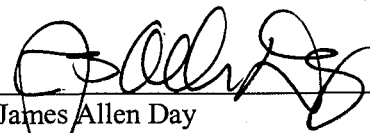
Dorothy M. Gunn, Clerk  
Illinois Pollution Control Board  
James R. Thompson Center  
100 West Randolph Street, Suite. 11-500  
Chicago, Illinois 60601

Adair Ag, LLC  
Attn: Jack Hart  
9960 E. 2100<sup>th</sup> Street  
Adair, IL 61411

Steve Santarelli  
Illinois Department of Revenue  
101 West Jefferson  
Post Office Box 19033  
Springfield, Illinois 62794

PLEASE TAKE NOTICE that I have today filed with the Office of the Clerk of the Pollution Control Board an APPEARANCE AND THE RECOMMENDATION of the Illinois Environmental Protection Agency, a copy of which is herewith served upon you.

ENVIRONMENTAL PROTECTION AGENCY  
OF THE STATE OF ILLINOIS

By:   
James Allen Day  
Assistant Counsel  
Division of Legal Counsel

DATED: December 16, 2004  
Illinois Environmental Protection Agency  
1021 North Grand Avenue East  
Post Office Box 19276  
Springfield, Illinois 62794-9276  
217-782-5544

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CLERK'S OFFICE

DEC 20 2004

STATE OF ILLINOIS  
Pollution Control Board

**BEFORE THE ILLINOIS POLLUTION CONTROL BOARD**

**ADAIR AG, LLC (Adair)**  
**(Property Identification Number**  
**14-000-131-05)**  
**Petitioner,**

)  
)  
)  
) **PCB 04**  
) **(Tax Certification)**

*05-112*

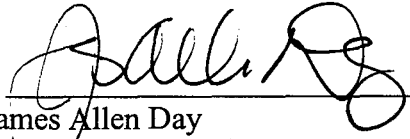
**ILLINOIS ENVIRONMENTAL**  
**PROTECTION AGENCY**  
**Respondent.**

)  
)  
)

**A P P E A R A N C E**

The undersigned, as one of its attorneys, hereby enters an **APPEARANCE** on behalf of the Respondent, Illinois Environmental Protection Agency.

ENVIRONMENTAL PROTECTION  
AGENCY OF THE STATE OF ILLINOIS

By:   
James Allen Day  
Assistant Counsel  
Division of Legal Counsel

DATED: December 16, 2004

Illinois Environmental Protection Agency  
1021 North Grand Avenue East  
Post Office Box 19276  
Springfield, Illinois 62794-9276  
217-782-5544

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD DEC 20 2004

STATE OF ILLINOIS  
Pollution Control Board

ADAIR AG, LLC (Adair)	)
(Property Identification Number	)
14-000-131-05)	)
Petitioner,	)
	) PCB <sup>05-112</sup> <del>04</del>
	) (Tax Certification)
ILLINOIS ENVIRONMENTAL	)
PROTECTION AGENCY	)
Respondent.	)

RECOMMENDATION

Now Comes the Illinois Environmental Protection Agency ("Illinois EPA") by James Allen Day, one of its attorneys, and pursuant to Section 125.204 of the Illinois Pollution Control Board's (Board) regulations files the following Recommendation regarding the tax certification of water pollution control facilities pursuant to 35 Ill. Adm. Code 125.204.

- 1) On August 13, 2003, the Illinois EPA received a request from Adair Ag, LLC for an Illinois EPA recommendation regarding the tax certification of water pollution control facilities at its plant near Adair, Illinois pursuant to 35 Ill. Adm. Code 125.204, and noted the request as log number TC-17-03. (Exhibit A)
- 2) The applicant's address is: Adair Ag, LLC  
Attn: Jack Hart  
9960 E. 2100<sup>th</sup> Street  
Adair, IL 61411
- 3) The water pollution control facilities in this request are located at the above street address in Section 16, Township 5 North, Range 1 West of the 4<sup>th</sup> Principal Meridian in McDonough County, Illinois and consist of the following:  
  
Agrichemical containment structures consisting of one bulk liquid agrichemical operational area containment structures; two bulk liquid agrichemical secondary containment structures; one minibulk/package agrichemical secondary

containment structure; the portion of the building over one bulk liquid agrichemical operational area containment structure, and one bulk liquid agrichemical secondary containment structure; associated collection and recovery systems; and two dry fertilizer operational containment structures; as approved under the Agency endorsed Agrichemical Facility Permit No. 00066206 (Log No. 0066206).

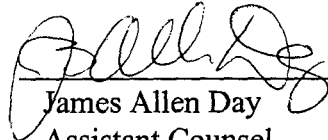
- 4) These facilities collect, transport, and store agrichemical rinsates, residues, or washwaters prior to reuse or disposal.
- 5) Section 11-10 of the Property Tax Code, 35 ILCS 200/11-10 (2000), defines "pollution control facilities" as: "any system, method, construction, device or appliance appurtenant thereto or any portion of any building or equipment, that is designed, constructed, installed or operated for the primary purpose of: (a) eliminating, preventing, or reducing air or water pollution ...or (b) treating, pretreating, modifying or disposing of any potential solid, liquid or gaseous pollutant which if released without treatment, pretreatment modification or disposal might be harmful, detrimental or offensive to human, plant or animal life, or to property."
- 6) Pollution control facilities are entitled to preferential tax treatment, 35 ILCS 200/11-5 (2000).
- 7) Based on the information in the application and the purpose of the facilities (collecting, transporting and/or storing agrichemical rinsates, residues, or washwaters prior to reuse or disposal), it is the Illinois EPA's engineering judgment that the described facilities may be considered "pollution control facilities," pursuant to 35 Ill. Adm. Code 125.200(a), with the primary purpose of eliminating, preventing, or reducing water pollution, or as

otherwise provided in 35 Ill. Adm. Code 125.200. Therefore, the facilities are eligible for tax certification from the Board.

- 8) Therefore, the Illinois EPA recommends that the Board issue the requested tax certification.

Illinois Environmental Protection Agency,

By:



James Allen Day  
Assistant Counsel  
Division of Legal Counsel

December 15, 2004

Illinois Environmental Protection Agency  
1021 North Grand Avenue East  
Post Office Box 19276  
Springfield, Illinois 62794-9276  
217-782-5544

STATE OF ILLINOIS )  
 )  
COUNTY OF SANGAMON )  
 )  
 )

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CLERK'S OFFICE

DEC 20 2004

STATE OF ILLINOIS  
Pollution Control Board

**PROOF OF SERVICE**

I, the undersigned, on oath state that I have served the attached **APPEARANCE AND RECOMMENDATION**, upon the person to whom it is directed, by placing a copy in an envelope addressed to:

Dorothy M. Gunn, Clerk  
Illinois Pollution Control Board  
James R. Thompson Center  
100 West Randolph Street, Suite. 11-500  
Chicago, Illinois 60601

Adair Ag, LLC  
Attn: Jack Hart  
9960 E. 2100<sup>th</sup> Street  
Adair, IL 61411

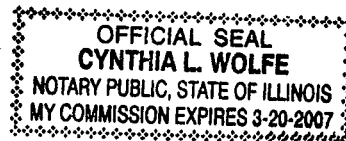
Steve Santarelli  
Illinois Department of Revenue  
101 West Jefferson  
Post Office Box 19033  
Springfield, Illinois 62794

and mailing it from Springfield, Illinois on **December 16, 2004** with sufficient postage affixed for first class mail.

*Nancy J. Lampert*

SUBSCRIBED AND SWORN TO BEFORE ME  
this sixteenth day of December, 2004

*Cynthia L. Wolfe*  
Notary Public



Don Hanko  
APC Req: 2  
WPC Req: 3

State of Illinois  
Department of Agriculture  
AGRICHEMICAL FACILITY PERMIT

JRA  
Records  
Binds

<b>Permittee:</b> Adair Ag, LLC 9960 E 2100th Street Adair, IL 61411	<b>Facility ID Number:</b> AC1093240000 <b>Facility Location:</b> Adair, IL
<b>Permit #:</b> 00066202 <b>Facility Type:</b> Commercial: Retail Dealer <b>Date Issued:</b> July 24, 2000	<b>Log Number:</b> 00066202 <b>Date Received:</b> June 19, 2000 <b>Expiration Date:</b> July 24, 2005

Permit is hereby granted to the above designated permittee to construct and operate an agrichemical containment facility as follows:

### OPERATIONAL CONTAINMENT STRUCTURES

Installation and operation of a reinforced concrete operational containment structure measuring 25' (width) x 50' (length) x 1.2' (depth) with a total design capacity of 855.9 cubic feet (ft.<sup>3</sup>). The floor shall slope to a single trench measuring 0.75' (width) x 21' (length) x 0.5' (depth), which shall drain to a single sump measuring 1.5' (width) x 2' (length) x 1.25' (depth) to facilitate the collection and recovery of all escaped product and/or agrichemical wastewater. All recovered effluent shall be transferred to one (1) of two (2) 1200 gallon recovery tanks with a manually activated sump pump. Segregation shall be performed based upon the applicable target crop and label use. The loading, unloading and washing of bulk liquid agrichemical transportation and application equipment shall be performed upon the herein permitted structure.

### SECONDARY CONTAINMENT STRUCTURES

Installation and operation of a reinforced concrete secondary containment structure measuring 15' (width) x 50' (length) x 1' (height) with a total design capacity of 745.1 cubic feet (ft.<sup>3</sup>). The floor shall slope to a single sump measuring 1' (width) x 1' (length) x 1' (depth) to facilitate the collection and recovery of all escaped product and/or agrichemical wastewater. All recovered effluent shall be transferred to one (1) of the two (2) aforementioned 1200 gallon recovery tanks with a manually activated sump pump. Segregation shall be performed based upon the applicable target crop and label use. All bulk liquid pesticides shall be stored within the said structure. This structure shall be referred to as SC-1.

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Watershed Management Section  
BUREAU OF WATER



State of Illinois  
Department of Agriculture  
AGRICHEMICAL FACILITY PERMIT

Adair Ag/Page2

Operation of an existing reinforced concrete secondary containment structure measuring 50' (width) x 53' (length) x 3' (height) with a total design capacity of 8003.5 cubic feet (ft.<sup>3</sup>). The floor shall slope to a single sump measuring 1' (width) x 1' (length) x 1' (depth) to facilitate the collection and recovery of all escaped product and/or agrichemical wastewater. All recovered effluent shall be transferred to one (1) of the two (2) aforementioned 1200 gallon recovery tanks with a manually activated sump pump. Segregation shall be performed based upon the applicable target crop and label use. All bulk liquid fertilizer shall be stored within the said structure. This structure shall be referred to as SC-2.

Installation and operation of a reinforced concrete secondary containment structure measuring 50' (width) x 72' (length) x 0.5' (height) with a total design capacity of 2006.2 cubic feet (ft.<sup>3</sup>). The floor shall slope to a single sump measuring 1' (width) x 1' (length) x 1' (depth) to facilitate the collection and recovery of all escaped product and/or agrichemical wastewater. All recovered effluent shall be transferred to one (1) of the two (2) aforementioned 1200 gallon recovery tanks with a manually activated sump pump. Segregation shall be performed based upon the applicable target crop and label use. All mini-bulk and packaged agrichemicals shall be stored within the said structure. This structure shall be referred to as SC-3.


There shall be no discharge of wastewater from the herein permitted facilities.

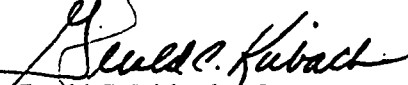
This permit has been reviewed and approved by the Illinois Environmental Protection Agency per the attached permit endorsement. This permit is subject to standard conditions on the reverse side of this document and the following special conditions:

**SPECIAL CONDITION 1:** The permittee shall provide backflow protection in accordance with the Illinois Department of Public Health Plumbing Code (77 Ill. Adm. Code 890) and the Illinois Environmental Protection Agency's Technical Policy Statement (35 Ill. Adm. Code 653.803(c)(4).

**SPECIAL CONDITION 2:** The permittee may discharge accumulated precipitation from the herein permitted bulk liquid fertilizer secondary containment structure pursuant to 8 Illinois Administrative Code 255.110 (a) (2) (A) and (B).

THE STANDARD CONDITIONS OF ISSUANCE ON THE REVERSE SIDES OF THIS MUST BE COMPLIED WITH IN FULL.

  
Warren D. Goetsch, P.E.  
Administrator, Division of Natural Resources

  
Gerald C. Kirbach, Manager  
Permits and Downstate Field Operations

cc: Illinois EPA: WPC: Permits  
file  
a:109324.per





Div. MAURO  
WFO - Peoria  
APC - Peoria

State of Illinois  
Department of Agriculture  
AGRICHEMICAL FACILITY PERMIT

DPG  
Records  
Binds

AGRICHEMICAL FACILITY PERMIT MODIFICATION

<b>Permittee:</b> Adair Ag 9960 E 2100 <sup>th</sup> Street Adair, IL 61411	<b>Facility ID Number:</b> AC1093240000 <b>Facility Location:</b> Adair, IL
<b>Permit #:</b> AC00066202 <b>Facility Type:</b> Commercial-Retail Dealer <b>Date Issued:</b> May 4, 2001	<b>Log Number:</b> 01036507 <b>Date Received:</b> March 16, 2001 <b>Expiration Date:</b> July 24, 2005

A permit modification is hereby granted to the above designated permittee to construct and/or operate an agrichemical facility which was previously approved under the above referenced permit number. The facility and associated permit has been modified as follows:

**DRY FERTILIZER STRUCTURES**

Installation and operation of a bulk dry fertilizer storage building measuring 40' (width) x 80' (length) with an estimated total storage capacity of 1140 tons. The structure shall be composed of five (5) storage bins, (two (2) bins, each bin measuring 18' (width) x 40' (length) with an estimated storage capacity of 270 tons each and three (3) bins, each bin measuring 14' (width) x 40' (length) with an estimated storage capacity of 200 tons each).

All bulk dry fertilizer shall be stored within the herein permitted structure.

Installation and operation of a reinforced concrete operational containment structure measuring 20' (width) x 80' (length). All endloader transfer of bulk dry fertilizer between storage and the blender and all unloading of bulk dry fertilizer transportation and application equipment shall be performed upon the herein permitted structure.

Installation and operation of a reinforced concrete operational containment structure measuring 30' (width) x 40' (length). All loading of bulk dry fertilizer transportation and application equipment and all blending of bulk dry fertilizer shall be performed upon the herein permitted structure.

This permit modification has also been reviewed and approved by the Illinois Environmental Protection Agency per the attached permit modification endorsement. The expiration date of this permit modification shall remain the same as issued on the original permit.

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MAY 11 2001

Watershed Management Section  
BUREAU OF WATER



State of Illinois  
Department of Agriculture

Adair Ag

AGRICHEMICAL FACILITY PERMIT

Page 2

All Special Conditions on the original permit issued are also applicable to this permit unless specifically deleted or revised in this permit.

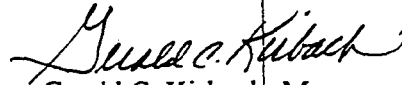
**SPECIAL CONDITION 1:** The permittee shall operate the exposed dry fertilizer operations pursuant to 8 Illinois Administrative Code 255.140 (a) (c) and (d).

THE STANDARD CONDITIONS OF ISSUANCE IN THE ATTACHED PAGES MUST BE COMPLIED WITH IN FULL.



Warren D. Goetsch

Warren D. Goetsch, P.E.  
Administrator, Division of Natural Resources



Gerald C. Kirbach

Gerald C. Kirbach, Manager  
Permits and Downstate Field Operations

cc: IEPA:WPC:Permits  
file  
a:109324.pmod







9960 E. 2100<sup>th</sup> Street  
Adair, IL 61411  
Phone: (309) 653-2615  
Fax: (309) 653-2614

August 6, 2003

Illinois EPA  
Attn: Donald E. Sutton  
P.O. Box 19276  
Springfield, IL 62794-9276

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AUG 13 2003

**Watershed Management Section  
BUREAU OF WATER**

Dear Mr. Sutton:

Adair Ag is a permitted agrichemical facility and I would like to apply for the tax incentive for this facility.

I am enclosing, along with the application: maps, permits & location operational descriptions.

Should you have any questions concerning this application please give me a call at (309) 653-2615.

Thank you for your consideration.

A handwritten signature in cursive script that reads "Jack R. Hart".

Jack R. Hart  
Adair Ag, LLC  
Owner/Manager

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AUG 07 2003

**IEPA - DAPC - SPFLD**



9960 E. 2100<sup>th</sup> Street  
Adair, IL 61411  
Phone: 309-653-2615  
Fax: 309-653-2614

### Fax Cover Sheet

Date: 11/2/04

# of pages including  
cover sheet 2

To: James Allison

Company: Illinois EPA

Fax #: 317-785-1225

COMMENTS: Revised letter -

Thank you for your  
assistance.



9960 E. 2100<sup>th</sup> Street  
Adair, IL 61411  
Phone: (309) 653-2615  
Fax: (309) 653-2614

November 2, 2004

Illinois EPA  
P.O. Box 19276  
Springfield, IL 62794-9276

In regard to the tax incentive applied for by Adair Ag, LLC, I am requesting the tax certification for any pollution control at this location. This request does not include the dry fertilizer building or mini bulk storage at this location. I am requesting the certification for items pertaining to pollution control such as the dyking, chemical containment area and the concrete pads for containing spills.

Should you have any questions concerning this matter please give me a call at (309) 653-2615.

Thank You

Jack R Hart  
Adair Ag, LLC  
Owner/Manager

3 Nov 04 spoke w/Jack Hart - wants mini bulk storage covered but understands that the build for storage can not be covered.

JRH

AUTOMATIC COVER SHEET

DATE : NOV-02-2004 07:15 AM

TO :

FAX # : 12177851225

FROM : ADAIR.AG.L.L.C

FAX # : 3096532614

3 PAGES WERE SENT

(INCLUDING THIS COVER SHEET)

APPLICATION FOR CERTIFICATION (PROPERTY TAX TREATMENT)  
 POLLUTION CONTROL FACILITY  
 AIR  WATER

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
 P. O. Box 19276, Springfield, IL 62794-9276

DLH

This Agency is authorized to request this information under Illinois Revised Statutes, 1979, Chapter, 120, Section 502a-5. Disclosure of this information is voluntary. However, failure to comply could prevent your application from being processed or could result in denial of your application for certification.

FOR AGENCY USE			
File No.	Date Received	Certification No.	Date
APPLICANT	Sec. A Company Name <i>Adair Ag, LLC</i>		
	Person Authorized to Receive Certification <i>Jack Hart</i>		Person to Contact for Additional Details <i>Jack Hart</i>
	Street Address <i>9960 E. 2100th St.</i>		Street Address <i>9960 E. 2100th St.</i>
	Municipality, State & Zip Code <i>Adair, IL 61411</i>		Municipality, State & Zip Code <i>Adair, IL 61411</i>
	Telephone Number <i>309-653-2615</i>		Telephone Number <i>309-653-2615</i>
	Location of Facility Quarter Section <i>516</i> Township <i>New Salem</i> Range <i>R2W</i>		Municipality <i>See Map Pg 1</i> Township <i>New Salem</i>
	Street Address <i>9960 E. 2100th St.</i>		County <i>McDonough</i> Book Number
	Property Identification Number <i>14-000-131-05</i>		Parcel Number <i>171</i>
	MANUFACTURING OPERATIONS	Sec. B Nature of Operations Conducted at the Above Location <i>Retail Fertilizer Plant</i>	
Water Pollution Control Construction Permit No. <i>00066202</i>		Date Issued <i>July 24, 2000</i>	
NPDES PERMIT No.		Date Issued	Expiration Date
Air Pollution Control Construction Permit No. <i>00066202</i>		Date Issued <i>July 24, 2000</i>	
Air Pollution Control Operating Permit No. <i>00066202</i>		Date Issued <i>July 24, 2000</i>	
MANUFACTURING PROCESS	Sec. C Describe Unit Process <i>See Attachment Page 14</i>		
	Materials Used in Process <i>See Attachment Page 14</i>		
POLLUTION CONTROL FACILITY DESCRIPTION	Sec. D Describe Pollution Abatement Control Facility <i>See Attachment Page 14</i>		

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 Watershed Management Section  
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POLLUTION CONTROL FACILITY - CONTAMINANTS	Sec. E (1) Nature of Contaminants or Pollutants		
	Contaminant or Pollutant		Material Retained, Captured or Recovered
	See Attachment Page 14		DESCRIPTION
			DISPOSAL OR USE
	(2) Point(s) of Waste Water Discharge		
	Plans and Specifications Attached <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
	(3)	Are contaminants (or residues) collected by the control facility?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
(4)	Date installation completed <u>July 2002</u> status of installation on date of application: <u>Complete</u>		
ACCOUNTING DATA	(5) a.	FAIR CASH VALUE IF CONSIDERED REAL PROPERTY:	\$ 500,000
	b.	NET SALVAGE VALUE IF CONSIDERED REAL PROPERTY:	\$ 15,000
	c.	PRODUCTIVE GROSS ANNUAL INCOME OF CONTROL FACILITY:	\$ 2,000,000
	d.	PRODUCTIVE NET ANNUAL INCOME OF CONTROL FACILITY:	\$ 15,700
	e.	PERCENTAGE CONTROL FACILITY BEARS TO WHOLE FACILITY VALUE:	%

SIGNATURE	Sec. F The following information is submitted in accordance with the Illinois Property Tax Code, as amended, and to the best of my knowledge, is true and correct. The facilities claimed herein are "pollution control facilities" as defined in Section 11-10 of the Illinois Property Tax Code.	
	<u>Jack R. Hart</u> Signature	<u>Owner/Mgr.</u> Title

INSTRUCTIONS	Sec. G INSTRUCTIONS FOR COMPILING AND FILING APPLICATION		
	General: Separate applications must be completed for each control facility claimed. Do not mix types (water and air). Where both air and water operations are related, file two applications. If attachments are needed, record them consecutively on an index sheet.		
	Sec. A	Information refers to applicant as listed in the tax records and the person to be contacted for further details or for inspection of facilities. Define facility location by street address or legal description. A plat map location is required for facilities located outside of municipal boundaries. The property identification number is required.	
	Sec. B	Self-explanatory. Submit copies of all permits issued by local pollution control agencies. (e.g. MSD Construction Permit)	
	Sec. C	Refers to manufacturing processes or materials on which pollution control facility is used.	
	Sec. D	Narrative description of the pollution control facility, indicating that its primary purpose is to eliminate, prevent or reduce pollution. State the type of control facility. State permit number, date, and agency issuing permit. A narrative description and a process flow diagram describing the pollution control facility. Include a listing of each major piece of equipment included in the claimed fair cash value for real property. Include an average analysis of the influent and effluent of the control facility stating the collection efficiency.	
	Sec. E	List air contaminants, or water pollution substances released as effluents to the manufacturing processes. List also the final disposal of any contaminants removed from the manufacturing processes. Item (1) - Refers to pollutants and contaminants removed from the process by the pollution control facility. Item (2) - Refers to water pollution but can apply to water-carried wastes from air pollution control facilities. Submit drawings, which clearly show (a) Point(s) of discharge to receiving stream, and (b) Sewers and process piping to and from the control facility. Item (3) - If the collected contaminants are disposed of other than as wastes, state the disposition of the materials, and the value in dollars reclaimed by sale or reuse of the collected substances. State the cost of reclamation and related expense. Item (4) - State the date which the pollution control facility was first placed in service and operated. If not, explain. Item (5) - This information is essential to the certification and assessment actions. This accounting data must be completed to activate project review prior to certification by this Agency.	
	Sec. F	Self-explanatory. Signature must be a corporate authorized signature.	
	Submit to:	Attention:	Attention:
	Illinois EPA P.O. Box 19276 Springfield, IL 62794-9276	Thomas McSwiggin Permit Section Division of Water Pollution Control	Donald E. Sutton Permit Section Division of Air Pollution Control

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AUG 13 2003

Watershed Management Section  
BUREAU OF WATER

# Location Area Map

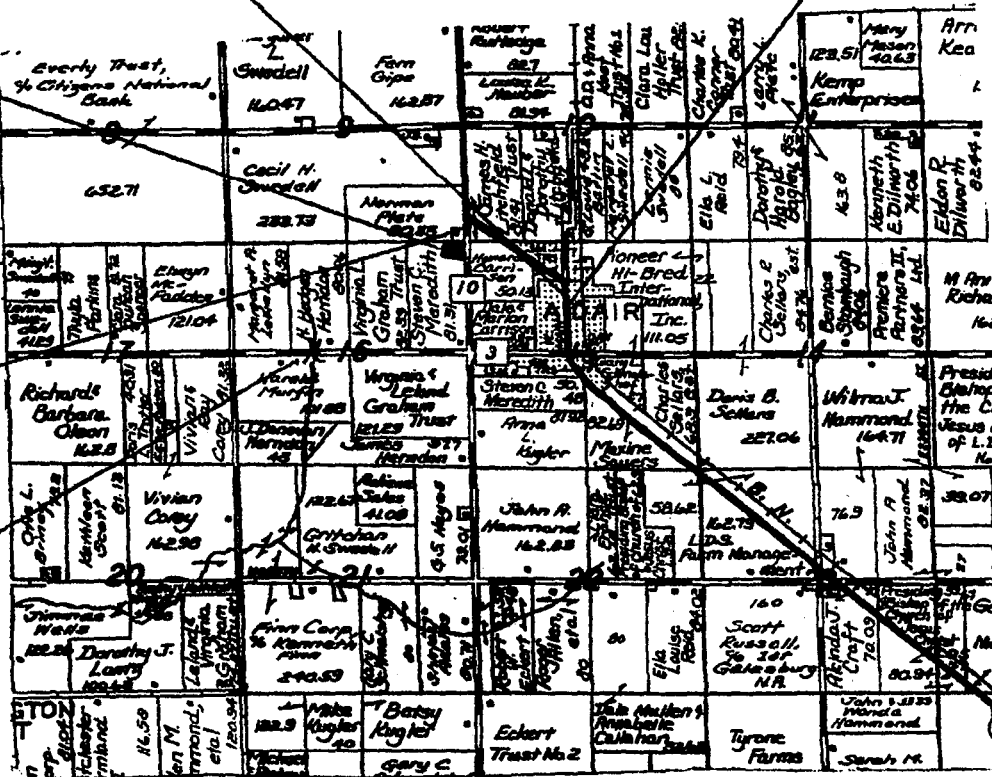
Nearest Town 1/2 mile  
Adair, Ill

Nearest Business  
Adair, Ill

Plant Location

Nearest Resident  
1000 Ft

Nearest Creek  
Natural  
Drainage Flow  
West



12 miles from a school, hospital, and nursing home.

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AUG 13 2003

Watershed Management Section  
BUREAU OF WATER



**Bureau of Environmental Programs**

State Fairgrounds • P.O. Box 19281 • Springfield, IL 62794-9281 • 217/785-2427 (voice/TDD) • Fax 217/524-4882  
Pesticide Misuse Hotline 1-800-641-3934 (voice/TDD)

September 29, 2000

Adair Ag, LLC  
9960 E 2100th Street  
Adair, IL 61411

Dear Agrichemical Facility Permit Applicant:

Enclosed is the construction and/or operating permit as approved by the Illinois Department of Agriculture and endorsed by the Illinois Environmental Protection Agency. Please carefully review and follow the Standard and Special Conditions of the Permit and Endorsement.

Prior to construction, the Department and the Agency caution you to carefully evaluate past operational practices at the site. Should you suspect environmental (soil, surface or groundwater) contamination, it is advisable to determine the extent and severity of such contamination prior to construction and remediate these areas as required.

We appreciate your cooperation with the Department in this process. Should you have any questions or comments regarding your Agrichemical Facility Permit, please contact the Agrichemical Containment Program at (217)785-0780.

Sincerely,

Warren D. Goetsch, P.E.  
Administrator, Division of Natural Resources

Gerald C. Kirbach, Manager  
Permits and Downstate  
Field Operations

xc:IEPA:WPC:Permits  
a:109324.cov

2

*State of Illinois*  
*Department of Agriculture*  
**AGRICHEMICAL FACILITY PERMIT**

<b>Permittee:</b> Adair Ag, LLC 9960 E 2100th Street Adair, IL 61411	<b>Facility ID Number:</b> AC1093240000 <b>Facility Location:</b> Adair, IL
<b>Permit #:</b> 00066202 <b>Facility Type:</b> Commercial Retail Dealer <b>Date Issued:</b> July 24, 2000	<b>Log Number:</b> 00066202 <b>Date Received:</b> June 19, 2000 <b>Expiration Date:</b> July 24, 2005

Permit is hereby granted to the above designated permittee to construct and operate an agrichemical containment facility as follows:

#### **OPERATIONAL CONTAINMENT STRUCTURES**

Installation and operation of a reinforced concrete operational containment structure measuring 25' (width) x 50' (length) x 1.2' (depth) with a total design capacity of 855.9 cubic feet (ft.<sup>3</sup>). The floor shall slope to a single trench measuring 0.75' (width) x 21' (length) x 0.5' (depth), which shall drain to a single sump measuring 1.5' (width) x 2' (length) x 1.25' (depth) to facilitate the collection and recovery of all escaped product and/or agrichemical wastewater. All recovered effluent shall be transferred to one (1) of two (2) 1200 gallon recovery tanks with a manually activated sump pump. Segregation shall be performed based upon the applicable target crop and label use. The loading, unloading and washing of bulk liquid agrichemical transportation and application equipment shall be performed upon the herein permitted structure.

#### **SECONDARY CONTAINMENT STRUCTURES**

Installation and operation of a reinforced concrete secondary containment structure measuring 15' (width) x 50' (length) x 1' (height) with a total design capacity of 745.1 cubic feet (ft.<sup>3</sup>). The floor shall slope to a single sump measuring 1' (width) x 1' (length) x 1' (depth) to facilitate the collection and recovery of all escaped product and/or agrichemical wastewater. All recovered effluent shall be transferred to one (1) of the two (2) aforementioned 1200 gallon recovery tanks with a manually activated sump pump. Segregation shall be performed based upon the applicable target crop and label use. All bulk liquid pesticides shall be stored within the said structure. This structure shall be referred to as SC-1.



9

*State of Illinois*  
*Department of Agriculture*  
**AGRICHEMICAL FACILITY PERMIT**

Adair Ag/Page2

Operation of an existing reinforced concrete secondary containment structure measuring 50' (width) x 53' (length) x 3' (height) with a total design capacity of 8003.5 cubic feet (ft.<sup>3</sup>). The floor shall slope to a single sump measuring 1' (width) x 1' (length) x 1' (depth) to facilitate the collection and recovery of all escaped product and/or agrichemical wastewater. All recovered effluent shall be transferred to one (1) of the two (2) aforementioned 1200-gallon recovery tanks with a manually activated sump pump. Segregation shall be performed based upon the applicable target crop and label use. All bulk liquid fertilizer shall be stored within the said structure. This structure shall be referred to as SC-2.

Installation and operation of a reinforced concrete secondary containment structure measuring 50' (width) x 72' (length) x 0.5' (height) with a total design capacity of 2006.2 cubic feet (ft.<sup>3</sup>). The floor shall slope to a single sump measuring 1' (width) x 1' (length) x 1' (depth) to facilitate the collection and recovery of all escaped product and/or agrichemical wastewater. All recovered effluent shall be transferred to one (1) of the two (2) aforementioned 1200 gallon recovery tanks with a manually activated sump pump. Segregation shall be performed based upon the applicable target crop and label use. All mini-bulk and packaged agrichemicals shall be stored within the said structure. This structure shall be referred to as SC-3.


There shall be no discharge of wastewater from the herein permitted facilities.

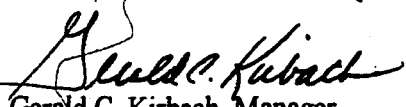
This permit has been reviewed and approved by the Illinois Environmental Protection Agency per the attached permit endorsement. This permit is subject to standard conditions on the reverse side of this document and the following special conditions:

**SPECIAL CONDITION 1:** The permittee shall provide backflow protection in accordance with the Illinois Department of Public Health Plumbing Code (77 Ill. Adm. Code 890) and the Illinois Environmental Protection Agency's Technical Policy Statement (35 Ill. Adm. Code 653.803(c)(4).

**SPECIAL CONDITION 2:** The permittee may discharge accumulated precipitation from the herein permitted bulk liquid fertilizer secondary containment structure pursuant to 8 Illinois Administrative Code 255.110 (a) (2) (A) and (B).

THE STANDARD CONDITIONS OF ISSUANCE ON THE REVERSE SIDES OF THIS MUST BE COMPLIED WITH IN FULL.

  
Warren D. Goetsch, P.E.  
Administrator, Division of Natural Resources

  
Gerald C. Kirbach, Manager  
Permits and Downstate Field Operations

cc: Illinois EPA: WPC: Permits  
file  
a:109324.per





# ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276

THOMAS V. SKINNER, DIRECTOR

217/782-3362

July 24, 2000

Bureau of Environmental Programs  
Illinois Department of Agriculture  
State Fairgrounds  
Post Office Box 19281  
Springfield, Illinois 62794-9281

Re: Adair Ag, LLC - Adair -- Endorsement of Agrichemical Facility Permit  
Log No. 00066202

Gentlemen:

Based on the information included in the permit application, the subject facility may be constructed and operated so as to meet the requirements of Subtitle C: Water Pollution and Subtitle B: Air Pollution.

This Agency hereby issues endorsement pursuant to Section 39.4 of the Illinois Environmental Protection Act for the subject agrichemical facility subject to the following Special Conditions:

**SPECIAL CONDITION NO. 1:** No person shall cause or allow any visible emissions of fugitive particulate matter from any process, including any material handling or storage activity beyond the property line of the emission source, pursuant to 35 Ill. Adm. Code 212.301.

**SPECIAL CONDITION NO. 2:** Any discharge of stormwater from the containment facilities shall not cause water quality violations pursuant to 35 Ill. Adm. Code, Subtitle C or a pesticide release pursuant to the Illinois Environmental Protection Act. Stormwater analyses conducted for determination of compliance with this condition shall be performed in accordance with analytical procedures specified in 40 CFR 136.

**SPECIAL CONDITION NO. 3:** This endorsement does not cover dry fertilizer operations.

**SPECIAL CONDITION NO. 4:** All points of use of the water supply and distribution systems supplied by the on-site wells shall be posted as non-potable or not for human consumption.

**SPECIAL CONDITION NO. 5:** The northeast well shall not be used for agrichemical purposes without proper backflow protection.

This endorsement becomes effective and is deemed to be a permit issued by the Agency pursuant to Sections 9(b) and 12(b) of the Act when the Illinois Department of Agriculture includes the above conditions as conditions of a permit issued pursuant to Section 255.50 of Subchapter I, Chapter I of Title 8: Agriculture and Animals.

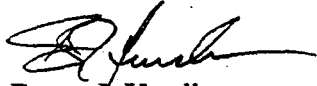
GEORGE H. RYAN, GOVERNOR

Page 2

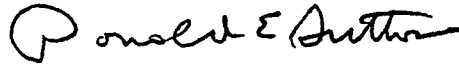
Log No. 00066202

This endorsement does not grant immunity from enforcement action found necessary by this Agency to meet its responsibilities in prevention, abatement, and control of water or air pollution.

Very truly yours,



Bruce J. Yurdin  
Manager, Watershed Management Section  
Bureau of Water



Donald E. Sutton, P.E.  
Manager, Permit Section  
Division of Air Pollution Control

BJY:JRA

cc:Region 3 - Peoria  
Records Unit  
DAPC/Permits  
DAPC/Region 2 - Peoria (McDonough County)

*State of Illinois*  
*Department of Agriculture*  
**AGRICHEMICAL FACILITY PERMIT**

**AGRICHEMICAL FACILITY PERMIT MODIFICATION**

<b>Permittee:</b> Adair Ag. 9960 E 2100 <sup>th</sup> Street Adair, IL 61411	<b>Facility ID Number:</b> AC1093240000 <b>Facility Location:</b> Adair, IL
<b>Permit #:</b> AC00066202 <b>Facility Type:</b> Commercial-Retail Dealer <b>Date Issued:</b> May 4, 2001	<b>Log Number:</b> 01036507 <b>Date Received:</b> March 16, 2001 <b>Expiration Date:</b> July 24, 2005

A permit modification is hereby granted to the above designated permittee to construct and/or operate an agrichemical facility which was previously approved under the above referenced permit number. The facility and associated permit has been modified as follows:

**DRY FERTILIZER STRUCTURES**

Installation and operation of a bulk dry fertilizer storage building measuring 40' (width) x 80' (length) with an estimated total storage capacity of 1140 tons. The structure shall be composed of five (5) storage bins, (two (2) bins, each bin measuring 18' (width) x 40' (length) with an estimated storage capacity of 270 tons each and three (3) bins, each bin measuring 14' (width) x 40' (length) with an estimated storage capacity of 200 tons each).

All bulk dry fertilizer shall be stored within the herein permitted structure.

Installation and operation of a reinforced concrete operational containment structure measuring 20' (width) x 80' (length). All endloader transfer of bulk dry fertilizer between storage and the blender and all unloading of bulk dry fertilizer transportation and application equipment shall be performed upon the herein permitted structure.

Installation and operation of a reinforced concrete operational containment structure measuring 30' (width) x 40' (length). All loading of bulk dry fertilizer transportation and application equipment and all blending of bulk dry fertilizer shall be performed upon the herein permitted structure.

This permit modification has also been reviewed and approved by the Illinois Environmental Protection Agency per the attached permit modification endorsement. The expiration date of this permit modification shall remain the same as issued on the original permit.





State of Illinois  
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AGRICHEMICAL FACILITY PERMIT

Adair Ag

Page 2

All Special Conditions on the original permit issued are also applicable to this permit unless specifically deleted or revised in this permit.

**SPECIAL CONDITION 1:** The permittee shall operate the exposed dry fertilizer operations pursuant to 8 Illinois Administrative Code 255.140 (a) (c) and (d).

THE STANDARD CONDITIONS OF ISSUANCE IN THE ATTACHED PAGES MUST BE COMPLIED WITH IN FULL.



Warren D. Goetsch, P.E.  
Administrator, Division of Natural Resources



Gerald C. Kirbach, Manager  
Permits and Downstate Field Operations

cc: IEPA:WPC:Permits  
file  
a:109324.pmod





# ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276

217/782-3362

THOMAS V. SKINNER, DIRECTOR

May 4, 2001

Bureau of Environmental Programs  
Illinois Department of Agriculture  
State Fairgrounds  
Post Office Box 19281  
Springfield, Illinois 62794-9281

Re: Adair Ag - Adair -- Endorsement of Agrichemical Facility Permit  
Modification of Permit No. 00066202  
Log No. 01036507

Gentlemen:

Based on a review of the permit application the Agency determines that the subject facilities may be covered by general endorsement no. 4 pursuant to Section 39.4 of the Illinois Environmental Protection Act and according to the terms and conditions of the general endorsement. The final endorsement will be issued with the Agrichemical Facility Permit after completion of the Department's detailed permit application review process.

Very truly yours,

A handwritten signature in black ink, appearing to read "B. Yurdin", written over a horizontal line.

Bruce J. Yurdin  
Manager, Watershed Management Section  
Bureau of Water

BJY:DPG\6507g4.doc

cc: Region 3 - Peoria  
Records Unit  
DAPC/Permits  
DAPC/Region 2 - Peoria (McDonough County)

GEORGE H. RYAN, GOVERNOR



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276

THOMAS V. SKINNER, DIRECTOR

217/782-0610

February 29, 2000

Bureau of Environmental Programs  
Illinois Department of Agriculture  
State Fairgrounds  
Post Office Box 19281  
Springfield, Illinois 62794-9281

Re: General Endorsement No. 4 of Agrichemical Facility Permit for Modifications to Include Dry Fertilizer Operations with Blending without Pesticides

Gentlemen:

Based on the information included in the permit application, the facility may be constructed and operated so as to meet the requirements of Subtitle C: Water Pollution and Subtitle B: Air Pollution.

This Agency hereby issues endorsement pursuant to Section 39.4 of the Illinois Environmental Protection Act for the following agrichemical facility permit modifications subject to the following Special Conditions.

**SPECIAL CONDITION No. 1:** This special condition replaces special conditions on the previous endorsement that deleted dry fertilizer operations. This endorsement covers only dry fertilizer operations and storage. The facilities covered by this endorsement shall be greater than 1000 feet from all community water supply wells and greater than 200 feet from all other potable water supply wells. Floor drains in dry fertilizer storage areas covered by this endorsement shall be plugged and sealed to prevent agrichemical leakage. The subject facilities shall meet the requirements of 8 Ill. Adm. Code 255.10, 50, 110, 140, and 150.

**SPECIAL CONDITION NO. 2:** This endorsement does not cover the following:

- A) agrichemical facilities subject to either the 8 Ill. Adm. Code 257, 35 Ill. Adm. Code 615 or 35 Ill. Adm. Code 616 regulations,
- B) experimental or innovative designs, or
- C) modifications involving changes to a permitted water supply protection plan.

SPECIAL CONDITION NO. 3: The blending of pesticides onto dry fertilizer is not allowed at this facility. A revised operating permit will be required before the blending of pesticides can be added to this process.

Special Conditions on the previously issued endorsement are also applicable to this endorsement unless specifically deleted or revised in this endorsement.

This endorsement becomes effective and is deemed to be a permit issued by the Agency pursuant to Sections 9(b) and 12(b) of the Act when the Illinois Department of Agriculture includes the above conditions as conditions of a permit issued pursuant to Section 255.50 of Subchapter i, Chapter I of Title 8: Agriculture and Animals.

This Agency may modify this general endorsement or require individual endorsements for the subject category of facilities at any time after issuance of the general endorsement.

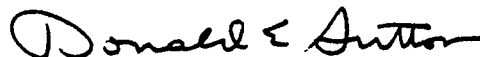
The endorsement expiration date for each agrichemical facility permit is concurrent with the agrichemical facility permit expiration date. Agrichemical facility permits may not be endorsed by this endorsement after February 1, 2005 unless this general endorsement is renewed.

This endorsement does not grant immunity from enforcement action found necessary by this Agency to meet its responsibilities in prevention, abatement, and control of water or air pollution.

Very truly yours,

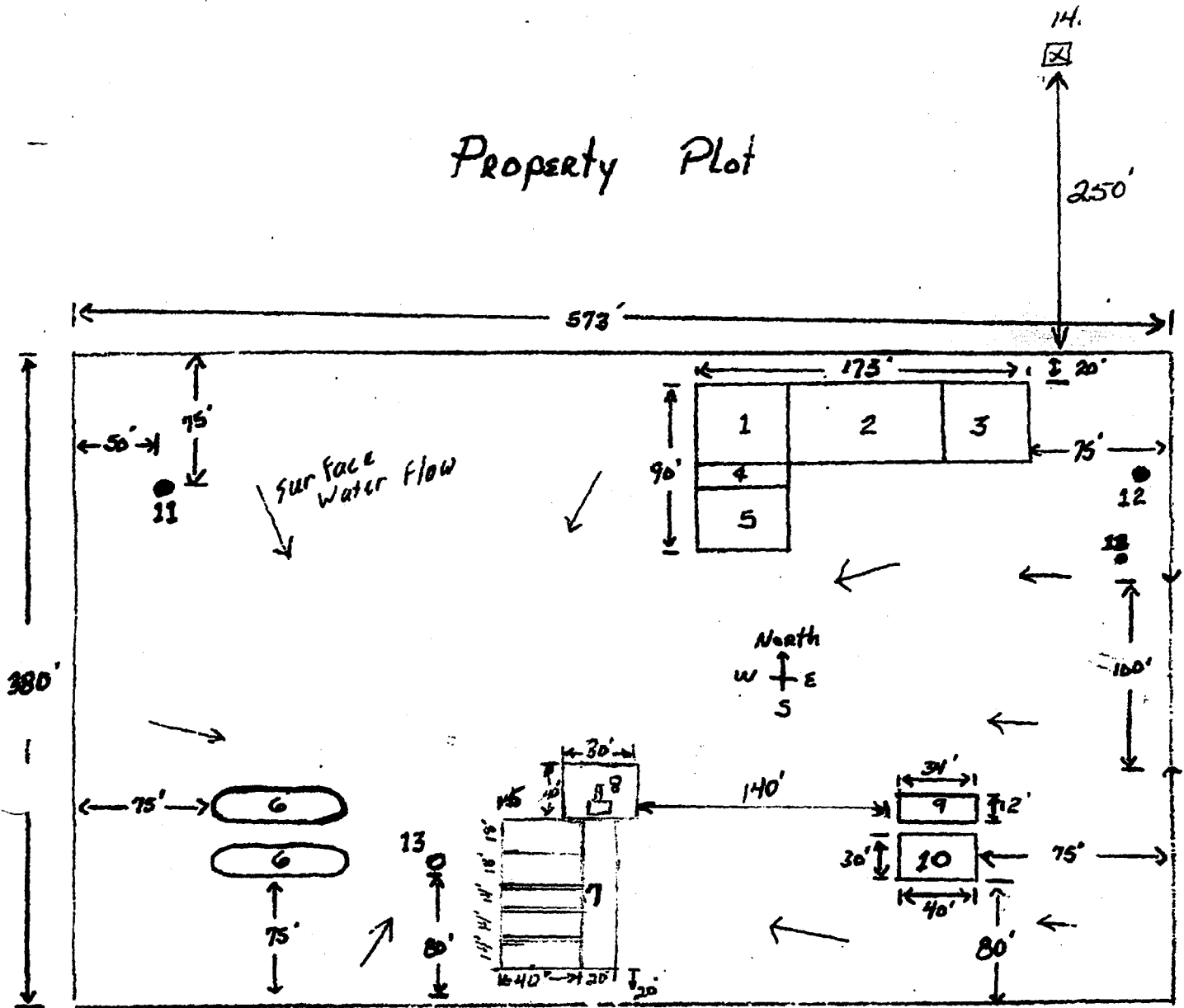


Bruce J. Yurdin  
Manager, Watershed Management Section  
Bureau of Water



Donald E. Sutton, P. E.  
Manager, Permit Section  
Division of Air Pollution Control

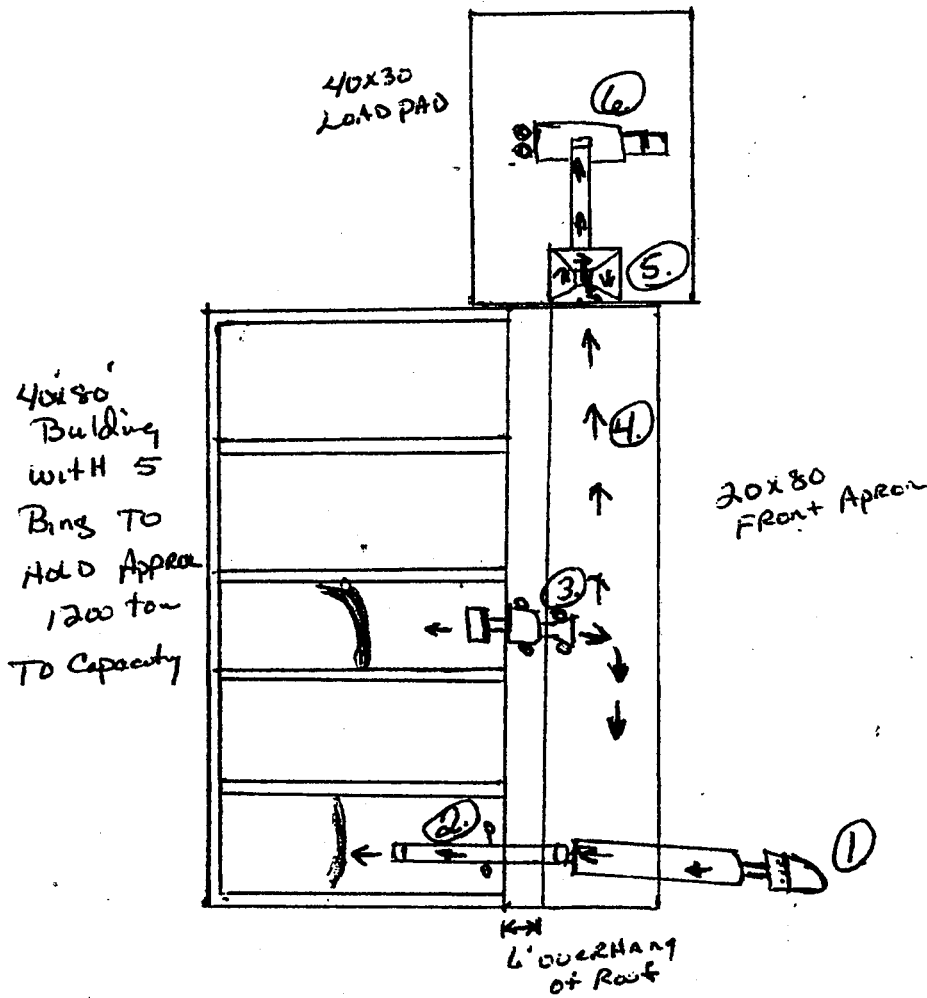
# Property Plot



- 1 Liquid Fertilizer Containment
- 2 Warehouse only place package chemicals stored
- 3 Shop
- 4 Bulk Chemical Containment
- 5 Mixing and Loading Building
- 6 60,000 Gallon NH<sub>3</sub> Storage Tanks
- 7 Dry Fertilizer Storage
- 8 Dry Fertilizer Loading PAD
- 9 Scale
- 10 Office
- 11 Well 112 Non-Potable
- 12 Power Supply
- 13 Surface Drainage Riser
- 14 Nearest Residence
- 15 No Water Supply AT DRY Shed

# Flow Diagram

1. SEMI UNLOADING
2. Belt UNLOADER
3. LOADER Getting PRODUCE
4. LOADER Going to Blender
5. Blender (Lays 10 ton)
6. TRUCK AT LOADOUT



South Property Line

## Adair Ag, LLC Summary

Adair Ag, LLC is ready to construct a dry fertilizer storage building and would like to permit an 80' X 40' building with 10" thick concrete walls 8' high with tongue and groove wood construction to a height of 16' to the eaves. This building would be open front facing the east with a 6' overhang and a 20' apron in front to unload trucks and to operate the front end loader to the blender for daily cleanup purposes. Using this apron would allow us to contain any spills that might accrue during unload or loading the blender. This area is not roofed so daily cleanup is needed to prevent any runoff

The blending pad is attached to the building on the north. This is where the Layco 10 ton blender will set. The blending pad area is a 40' X 30' pad of concrete constructed for loading trucks. This area will not be roofed so will need daily clean up. This pad is for the purpose of containing spills while loading trucks at 3 tons per minute and any spills that may occur from the blender. The belt from the blender that loads the truck is completely covered and a dust boot is used to control dust from getting into the air. No chemical impregnation is done at this location.

There will be no ground or surface water pollution because the building will be 2 feet higher than the surrounding ground. Also, daily cleanup of any spills on the apron or blend pad will prevent any contamination.

We are expecting to move approximately 4000 tons of dry fertilizer per year through this location. This building will contain 5 bins-2 bins 18' wide by 40' long to contain approximately 270 tons each. 3 bins 14' wide by 40' long to contain approximately 200 ton each. Tons of capacity may vary by product density. This building is designed to hold approximately 1200 tons to full capacity. There will be no fertilizer exposed to the outside elements because of the 6-foot overhang.

To prevent backflow contamination, there will be no hydrant or water supply to this building.

# ADAIR AG, LLC OPERATIONAL AND MANAGEMENT PRACTICE

Adair Ag, LLC is a new company starting construction on virgin farm ground. Adair Ag, LLC will be a full service location with bulk dry fertilizer, bulk chemical storage and loading capabilities, bulk liquid fertilizer, and also package chemical warehouse. These products will be contained and diked as needed and construction explained in our drawings to follow.

Since this site is new we will be able to build containment to best fit the product and use some newer state of the art materials in our construction. The proposal is to build an operational pad with concrete floor sloping to a middle sump that slopes to one side for ease of cleaning and recovery of spilled materials. All equipment will be loaded and unloaded in this pad. Also within this covered building will be the bulk chemical tanks diked separately, loading of mini-bulk tanks and unloading of chemicals from delivery trucks will be done in this area. Bulk chemical area will hold up to 5 tanks for chemicals and 2 rinse tanks 1 for bean rinse 1 for corn rinse. All chemical tanks will be of stainless steel construction with cone bottoms so less space will be displaced. The rinse tanks will also be of stainless steel and cone bottom. In this operational pad will be all the plants washing of equipment as needed with much of the equipment being washed in the last field of the day. Field washing of equipment will assist in keeping rinse water down to approximately 3000 gal a year which will be applied to the crop in quantities no greater than 10% of the load to be sprayed. The use of pressure washers with low g.p.m. and high pressure will keep rinse water low, also keeping dedicated mini-bulk tanks ( no rinsing to change products ), keeping secondary containment clean so it can be pumped over the side will also assist in keeping rinse water gallons down. We will also generate solids in this operational pad which will be containerized and let dry and applied along with ag lime during the year at low rates. We can expect about 300# of solids a year. Spill pans under all bulk hookups helps to eliminate loss of product, cuts down on both rinse water and solids.

Secondary containment of liquid fertilizer tanks will be outside the operational pad the concrete wall of the operational pad will be one wall of the secondary containment. This secondary containment will house:

4 - 30,000 gal tanks 3 containing 28% and 1 containing a liquid fertilizer, like 10-34-0. Secondary containment will be constructed of concrete as indicated in drawings attached with concrete floor with slope to one sump that will be checked for contamination before being pumped over the side, if the water is contaminated it will be saved in rinse tanks in operational pad for future application to farm fields. All storm water will be handled in this way.



16

Package chemicals will be stored in a warehouse directly hooked to the secondary storage. In this building will house all package chemicals and full and empty mini-bulk tanks. This area will be contained with 1 foot of concrete wall with concrete floor as indicated in drawing attached. This area will have a slope to one sump that could be pumped in case of a spill doors will be raised to hold area contained also in this area will be a complete spill kit to contain spills in a small area when possible.

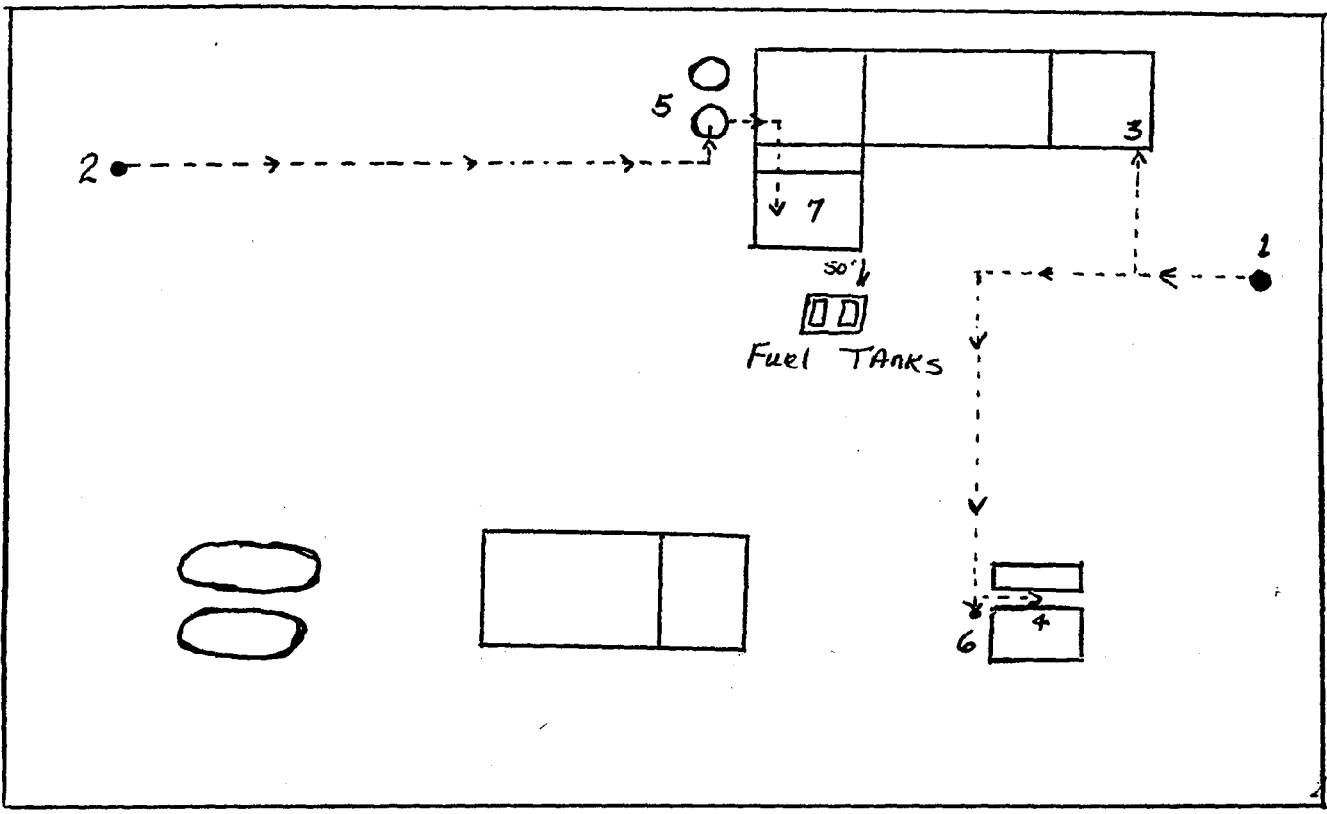
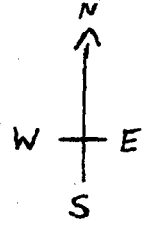
Storm water management is made easy with operational pad being covered and warehouse covered the only stormwater is the secondary containment, this is where care not to spill makes this job essential. The decision to pump stormwater over the side after visual inspection and based on records that the dike was clean before rainfall, will be made by the manager only. Triple rinsing with a high-pressure hose and a biodegradable cleanser and standing water to be removed in accordance with 17-255-110 B&C. The estimated amount of storm water based on average rainfall is 41000 gallons.

Dry fertilizer will be handled inside totally under roof except for receiving. The building will be constructed of concrete floors and concrete up to 8 ft finishing up to roof with wood. Loading will be done from driveway on one side of the building and blending equipment will be under roof. This building will house approx. 1000 ton of dry fertilizer.

Anhydrous ammonia will be stored at this facility also storage to be approx. 200 ton.

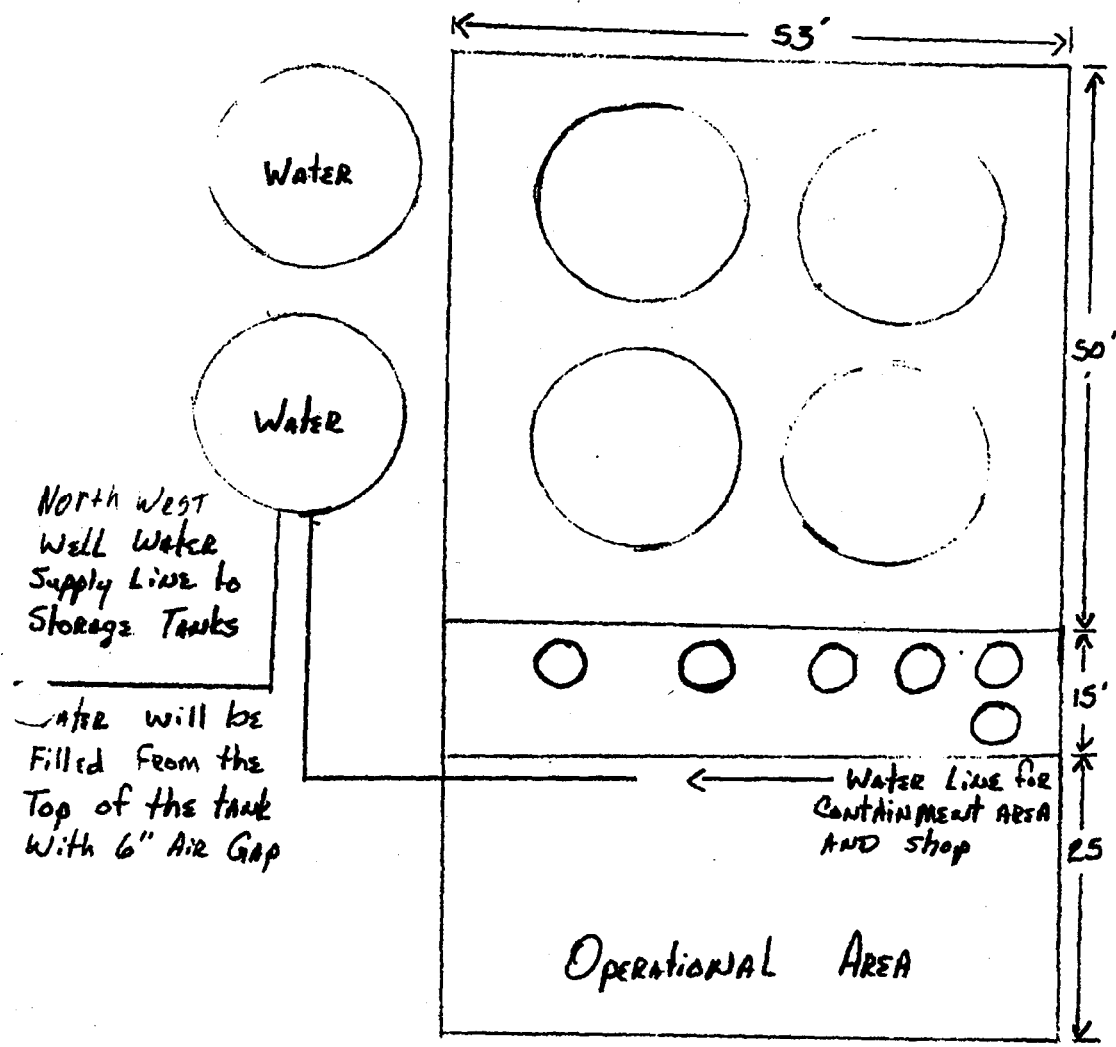
Since the two well on this property are non-potable we have for the employees and customers bottled drinking water.

# Adair Ag, LLC.

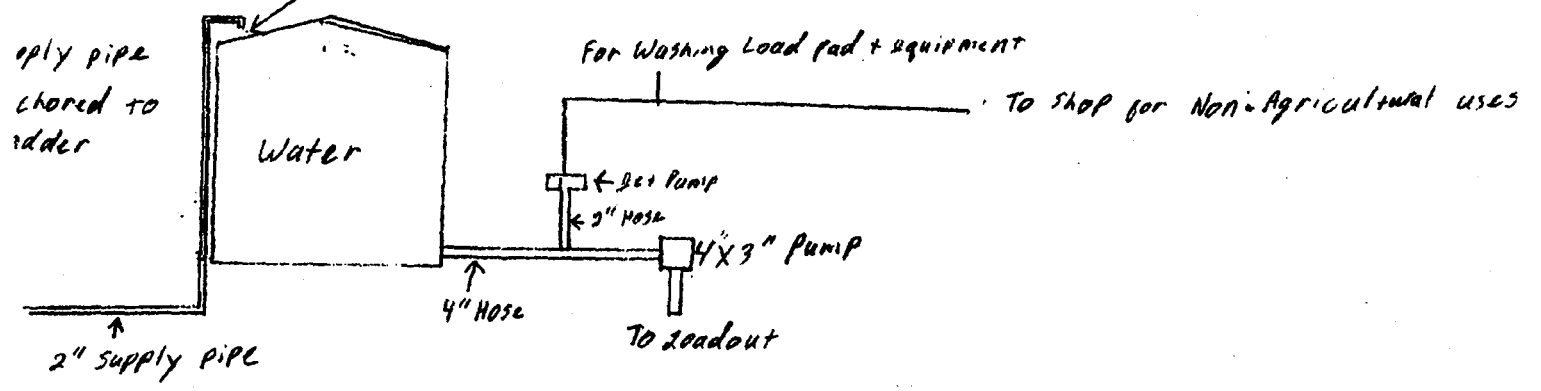


- 1 Northeast Well - for Bathroom only
- 2 Northwest Well - for Spraying only
- 3 Shop Bathroom
- 4 Office Bathroom
- 5 Water Storage Tanks - with 6 inch Air gap
- 6 Hydrant - for Lawn Care only - Locked; Employee use (no? Ag Chem use)
- 7 Floater wash and Clean-up

# Water Supply Diagram



6" Air GAP from top of tank to bottom of 2" supply pipe





TC-17-

9960 E. 2100<sup>th</sup> Street  
Adair, IL 61411  
Phone: (309) 653-2615  
Fax: (309) 653-2614

**RECEIVED**  
AUG 6 7 2003

August 6, 2003

ILLINOIS ENVIRONMENTAL  
PROTECTION AGENCY  
BOW/WPC/PERMIT SECTION

Illinois EPA  
Attn: Thomas McSwiggin  
P.O. Box 19276  
Springfield, IL 62794-9276

Dear Mr. McSwiggin:

Adair Ag is a permitted agrichemical facility and I would like to apply for the tax incentive for this facility.

I am enclosing, along with the application: maps, permits & location operational descriptions.

Should you have any questions concerning this application please give me a call at (309) 653-2615.

Thank you for your consideration.

A handwritten signature in cursive script that reads "Jack R. Hart".

Jack R, Hart  
Adair Ag, LLC  
Owner/Manager

RECEIVED

AUG 07 2003

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY BOW/WPC/PERMIT SECTION

LOCATION AREA MAP

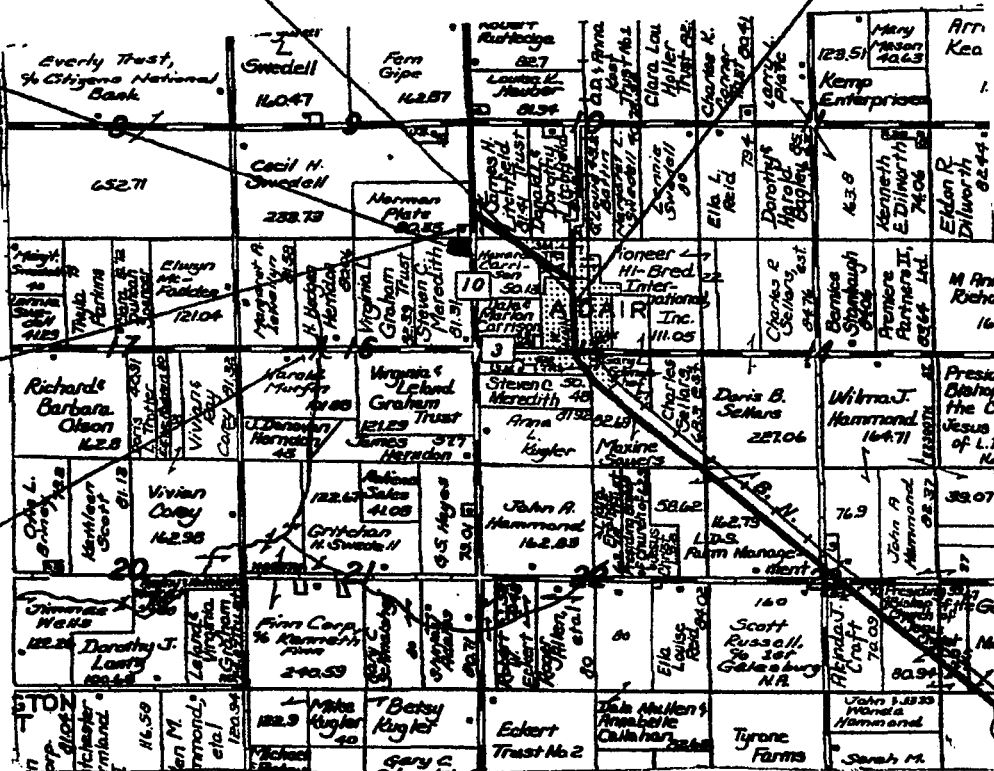
NEAREST TOWN 1/2 MILE ADAIR, ILL

NEAREST BUSINESS ADAIR, ILL

Plant Location

NEAREST RESIDENT 1000 FT

NEAREST CREEK NATURAL DRAINAGE FLOW WEST



12 miles from a school, hospital, and nursing home.

**Bureau of Environmental Programs**

State Fairgrounds • P.O. Box 19281 • Springfield, IL 62794-9281 • 217/785-2427 (voice/TDD) • Fax 217/524-4882  
Pesticide Misuse Hotline 1-800-641-3934 (voice/TDD)

September 29, 2000

Adair Ag, LLC  
9960 E 2100th Street  
Adair, IL 61411

Dear Agrichemical Facility Permit Applicant:

Enclosed is the construction and/or operating permit as approved by the Illinois Department of Agriculture and endorsed by the Illinois Environmental Protection Agency. Please carefully review and follow the Standard and Special Conditions of the Permit and Endorsement.

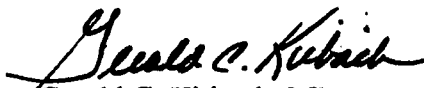
Prior to construction, the Department and the Agency caution you to carefully evaluate past operational practices at the site. Should you suspect environmental (soil, surface or groundwater) contamination, it is advisable to determine the extent and severity of such contamination prior to construction and remediate these areas as required.

We appreciate your cooperation with the Department in this process. Should you have any questions or comments regarding your Agrichemical Facility Permit, please contact the Agrichemical Containment Program at (217)785-0780.

Sincerely,



Warren D. Goetsch, P.E.  
Administrator, Division of Natural Resources



Gerald C. Kirbach, Manager  
Permits and Downstate  
Field Operations

xc:IEPA:WPC:Permits  
a:109324.cov

State of Illinois  
Department of Agriculture  
**AGRICHEMICAL FACILITY PERMIT**

<b>Permittee:</b> Adair Ag, LLC 9960 E 2100th Street Adair, IL 61411	<b>Facility ID Number:</b> AC1093240000 <b>Facility Location:</b> Adair, IL
<b>Permit #:</b> 00066202 <b>Facility Type:</b> Commercial Retail Dealer <b>Date Issued:</b> July 24, 2000	<b>Log Number:</b> 00066202 <b>Date Received:</b> June 19, 2000 <b>Expiration Date:</b> July 24, 2005

Permit is hereby granted to the above designated permittee to construct and operate an agrichemical containment facility as follows:

**OPERATIONAL CONTAINMENT STRUCTURES**

Installation and operation of a reinforced concrete operational containment structure measuring 25' (width) x 50' (length) x 1.2' (depth) with a total design capacity of 855.9 cubic feet (ft.<sup>3</sup>). The floor shall slope to a single trench measuring 0.75' (width) x 21' (length) x 0.5' (depth), which shall drain to a single sump measuring 1.5' (width) x 2' (length) x 1.25' (depth) to facilitate the collection and recovery of all escaped product and/or agrichemical wastewater. All recovered effluent shall be transferred to one (1) of two (2) 1200 gallon recovery tanks with a manually activated sump pump. Segregation shall be performed based upon the applicable target crop and label use. The loading, unloading and washing of bulk liquid agrichemical transportation and application equipment shall be performed upon the herein permitted structure.

**SECONDARY CONTAINMENT STRUCTURES**

Installation and operation of a reinforced concrete secondary containment structure measuring 15' (width) x 50' (length) x 1' (height) with a total design capacity of 745.1 cubic feet (ft.<sup>3</sup>). The floor shall slope to a single sump measuring 1' (width) x 1' (length) x 1' (depth) to facilitate the collection and recovery of all escaped product and/or agrichemical wastewater. All recovered effluent shall be transferred to one (1) of the two (2) aforementioned 1200 gallon recovery tanks with a manually activated sump pump. Segregation shall be performed based upon the applicable target crop and label use. All bulk liquid pesticides shall be stored within the said structure. This structure shall be referred to as SC-1.



State of Illinois  
Department of Agriculture  
AGRICHEMICAL FACILITY PERMIT

Adair Ag/Page2

Operation of an existing reinforced concrete secondary containment structure measuring 50' (width) x 53' (length) x 3' (height) with a total design capacity of 8003.5 cubic feet (ft.<sup>3</sup>). The floor shall slope to a single sump measuring 1' (width) x 1' (length) x 1' (depth) to facilitate the collection and recovery of all escaped product and/or agrichemical wastewater. All recovered effluent shall be transferred to one (1) of the two (2) aforementioned ~~1200-gallon-recovery tanks with a manually activated sump pump~~. Segregation shall be performed based upon the applicable target crop and label use. All bulk liquid fertilizer shall be stored within the said structure. This structure shall be referred to as SC-2.

Installation and operation of a reinforced concrete secondary containment structure measuring 50' (width) x 72' (length) x 0.5' (height) with a total design capacity of 2006.2 cubic feet (ft.<sup>3</sup>). The floor shall slope to a single sump measuring 1' (width) x 1' (length) x 1' (depth) to facilitate the collection and recovery of all escaped product and/or agrichemical wastewater. All recovered effluent shall be transferred to one (1) of the two (2) aforementioned 1200 gallon recovery tanks with a manually activated sump pump. Segregation shall be performed based upon the applicable target crop and label use. All mini-bulk and packaged agrichemicals shall be stored within the said structure. This structure shall be referred to as SC-3.


There shall be no discharge of wastewater from the herein permitted facilities.

This permit has been reviewed and approved by the Illinois Environmental Protection Agency per the attached permit endorsement. This permit is subject to standard conditions on the reverse side of this document and the following special conditions:

**SPECIAL CONDITION 1:** The permittee shall provide backflow protection in accordance with the Illinois Department of Public Health Plumbing Code (77 Ill. Adm. Code 890) and the Illinois Environmental Protection Agency's Technical Policy Statement (35 Ill. Adm. Code 653.803(c)(4).

**SPECIAL CONDITION 2:** The permittee may discharge accumulated precipitation from the herein permitted bulk liquid fertilizer secondary containment structure pursuant to 8 Illinois Administrative Code 255.110 (a) (2) (A) and (B).

THE STANDARD CONDITIONS OF ISSUANCE ON THE REVERSE SIDES OF THIS MUST BE COMPLIED WITH IN FULL.

  
Warren D. Goetsch, P.E.  
Administrator, Division of Natural Resources

  
Gerald C. Kirbach, Manager  
Permits and Downstate Field Operations

cc: Illinois EPA: WPC: Permits  
file  
a:109324.per







ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276

THOMAS V. SKINNER, DIRECTOR

217/782-3362

July 24, 2000

Bureau of Environmental Programs  
Illinois Department of Agriculture  
State Fairgrounds  
Post Office Box 19281  
Springfield, Illinois 62794-9281

Re: Adair Ag, LLC - Adair -- Endorsement of Agrichemical Facility Permit  
Log No. 00066202

Gentlemen:

Based on the information included in the permit application, the subject facility may be constructed and operated so as to meet the requirements of Subtitle C: Water Pollution and Subtitle B: Air Pollution.

This Agency hereby issues endorsement pursuant to Section 39.4 of the Illinois Environmental Protection Act for the subject agrichemical facility subject to the following Special Conditions:

**SPECIAL CONDITION NO. 1:** No person shall cause or allow any visible emissions of fugitive particulate matter from any process, including any material handling or storage activity beyond the property line of the emission source, pursuant to 35 Ill. Adm. Code 212.301.

**SPECIAL CONDITION NO. 2:** Any discharge of stormwater from the containment facilities shall not cause water quality violations pursuant to 35 Ill. Adm. Code, Subtitle C or a pesticide release pursuant to the Illinois Environmental Protection Act. Stormwater analyses conducted for determination of compliance with this condition shall be performed in accordance with analytical procedures specified in 40 CFR 136.

**SPECIAL CONDITION NO. 3:** This endorsement does not cover dry fertilizer operations.

**SPECIAL CONDITION NO. 4:** All points of use of the water supply and distribution systems supplied by the on-site wells shall be posted as non-potable or not for human consumption.

**SPECIAL CONDITION NO. 5:** The northeast well shall not be used for agrichemical purposes without proper backflow protection.

This endorsement becomes effective and is deemed to be a permit issued by the Agency pursuant to Sections 9(b) and 12(b) of the Act when the Illinois Department of Agriculture includes the above conditions as conditions of a permit issued pursuant to Section 255.50 of Subchapter I, Chapter I of Title 8: Agriculture and Animals.


GEORGE H. RYAN, GOVERNOR

Page 2

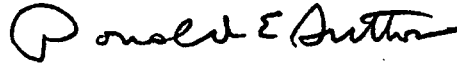
Log No. 00066202

This endorsement does not grant immunity from enforcement action found necessary by this Agency to meet its responsibilities in prevention, abatement, and control of water or air pollution.

Very truly yours,



Bruce J. Yurdin  
Manager, Watershed Management Section  
Bureau of Water



Donald E. Sutton, P.E.  
Manager, Permit Section  
Division of Air Pollution Control

BJY:JRA

cc:Region 3 - Peoria  
Records Unit  
DAPC/Permits  
DAPC/Region 2 - Peoria (McDonough County)

State of Illinois  
Department of Agriculture  
AGRICHEMICAL FACILITY PERMIT

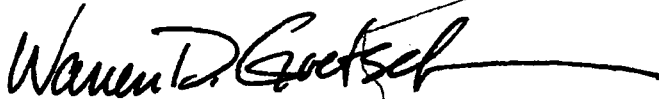
Adair Ag

Page 2

All Special Conditions on the original permit issued are also applicable to this permit unless specifically deleted or revised in this permit.

**SPECIAL CONDITION 1:** The permittee shall operate the exposed dry fertilizer operations pursuant to 8 Illinois Administrative Code 255.140 (a) (c) and (d).

THE STANDARD CONDITIONS OF ISSUANCE IN THE ATTACHED PAGES MUST BE COMPLIED WITH IN FULL.



Warren D. Goetsch, P.E.  
Administrator, Division of Natural Resources



Gerald C. Kirbach, Manager  
Permits and Downstate Field Operations

cc: IEPA:WPC:Permits  
file  
a:109324.pmod





ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276

217/782-3362

THOMAS V. SKINNER, DIRECTOR

May 4, 2001

Bureau of Environmental Programs  
Illinois Department of Agriculture  
State Fairgrounds  
Post Office Box 19281  
Springfield, Illinois 62794-9281

Re: Adair Ag - Adair -- Endorsement of Agrichemical Facility Permit  
Modification of Permit No. 00066202  
Log No. 01036507

Gentlemen:

Based on a review of the permit application the Agency determines that the subject facilities may be covered by general endorsement no. 4 pursuant to Section 39.4 of the Illinois Environmental Protection Act and according to the terms and conditions of the general endorsement. The final endorsement will be issued with the Agrichemical Facility Permit after completion of the Department's detailed permit application review process.

Very truly yours,

A handwritten signature in black ink, appearing to read "B. Yurdin", written over a horizontal line.

Bruce J. Yurdin  
Manager, Watershed Management Section  
Bureau of Water

BJY:DPG\6507g4.doc

cc: Region 3 - Peoria  
Records Unit  
DAPC/Permits  
DAPC/Region 2 - Peoria (McDonough County)

GEORGE H. RYAN, GOVERNOR



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276

THOMAS V. SKINNER, DIRECTOR

217/782-0610

February 29, 2000

Bureau of Environmental Programs  
Illinois Department of Agriculture  
State Fairgrounds  
Post Office Box 19281  
Springfield, Illinois 62794-9281

**Re: General Endorsement No. 4 of Agrichemical Facility Permit for Modifications to Include Dry Fertilizer Operations with Blending without Pesticides**

Gentlemen:

Based on the information included in the permit application, the facility may be constructed and operated so as to meet the requirements of Subtitle C: Water Pollution and Subtitle B: Air Pollution.

This Agency hereby issues endorsement pursuant to Section 39.4 of the Illinois Environmental Protection Act for the following agrichemical facility permit modifications subject to the following Special Conditions.

**SPECIAL CONDITION No. 1:** This special condition replaces special conditions on the previous endorsement that deleted dry fertilizer operations. This endorsement covers only dry fertilizer operations and storage. The facilities covered by this endorsement shall be greater than 1000 feet from all community water supply wells and greater than 200 feet from all other potable water supply wells. Floor drains in dry fertilizer storage areas covered by this endorsement shall be plugged and sealed to prevent agrichemical leakage. The subject facilities shall meet the requirements of 8 Ill. Adm. Code 255.10, 50, 110, 140, and 150.

**SPECIAL CONDITION NO. 2:** This endorsement does not cover the following:

- A) agrichemical facilities subject to either the 8 Ill. Adm. Code 257, 35 Ill. Adm. Code 615 or 35 Ill. Adm. Code 616 regulations,
- B) experimental or innovative designs, or
- C) modifications involving changes to a permitted water supply protection plan.

**SPECIAL CONDITION NO. 3:** The blending of pesticides onto dry fertilizer is not allowed at this facility. A revised operating permit will be required before the blending of pesticides can be added to this process.

Special Conditions on the previously issued endorsement are also applicable to this endorsement unless specifically deleted or revised in this endorsement.

This endorsement becomes effective and is deemed to be a permit issued by the Agency pursuant to Sections 9(b) and 12(b) of the Act when the Illinois Department of Agriculture includes the above conditions as conditions of a permit issued pursuant to Section 255.50 of Subchapter i, Chapter I of Title 8: Agriculture and Animals.

This Agency may modify this general endorsement or require individual endorsements for the subject category of facilities at any time after issuance of the general endorsement.

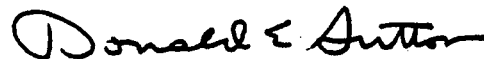
The endorsement expiration date for each agrichemical facility permit is concurrent with the agrichemical facility permit expiration date. Agrichemical facility permits may not be endorsed by this endorsement after February 1, 2005 unless this general endorsement is renewed.

This endorsement does not grant immunity from enforcement action found necessary by this Agency to meet its responsibilities in prevention, abatement, and control of water or air pollution.

Very truly yours,



Bruce J. Yurdin  
Manager, Watershed Management Section  
Bureau of Water

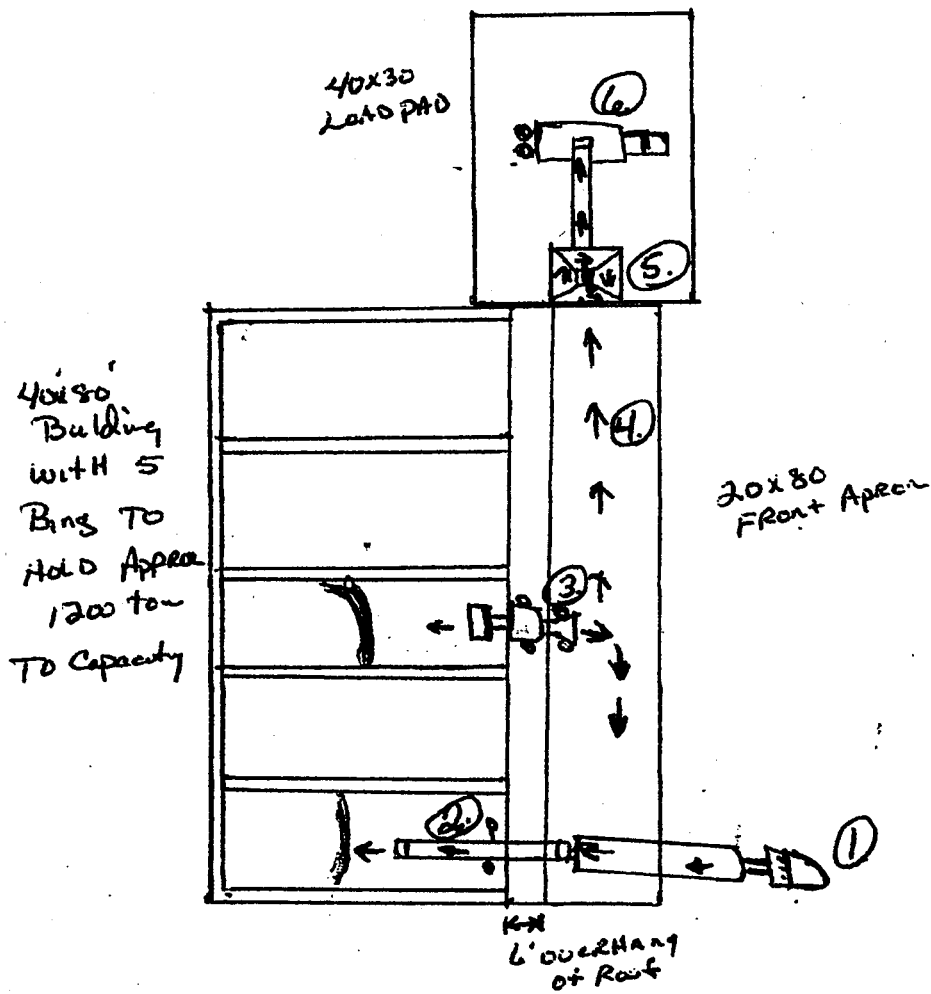


Donald E. Sutton, P. E.  
Manager, Permit Section  
Division of Air Pollution Control



# Flow Diagram

1. SEMI UNLOADING
2. Belt UNLOADER
3. LOADER Getting Product
4. LOADER Going to Blender
5. Blender (Lays 10 ton)
6. TRUCK At LOADOUT



South Property Line



## Adair Ag, LLC Summary

Adair Ag, LLC is ready to construct a dry fertilizer storage building and would like to permit an 80' X 40' building with 10" thick concrete walls 8' high with tongue and groove wood construction to a height of 16' to the eaves. This building would be open front facing the east with a 6' overhang and a 20' apron in front to unload trucks and to operate the front end loader to the blender for daily cleanup purposes. Using this apron would allow us to contain any spills that might accrue during unload or loading the blender. This area is not roofed so daily cleanup is needed to prevent any runoff

The blending pad is attached to the building on the north. This is where the Layco 10 ton blender will set. The blending pad area is a 40' X 30' pad of concrete constructed for loading trucks. This area will not be roofed so will need daily clean up. This pad is for the purpose of containing spills while loading trucks at 3 tons per minute and any spills that may occur from the blender. The belt from the blender that loads the truck is completely covered and a dust boot is used to control dust from getting into the air. No chemical impregnation is done at this location.

There will be no ground or surface water pollution because the building will be 2 feet higher than the surrounding ground. Also, daily cleanup of any spills on the apron or blend pad will prevent any contamination.

We are expecting to move approximately 4000 tons of dry fertilizer per year through this location. This building will contain 5 bins-2 bins 18' wide by 40' long to contain approximately 270 tons each. 3 bins 14' wide by 40' long to contain approximately 200 ton each. Tons of capacity may vary by product density. This building is designed to hold approximately 1200 tons to full capacity. There will be no fertilizer exposed to the outside elements because of the 6-foot overhang.

To prevent backflow contamination, there will be no hydrant or water supply to this building.

## **ADAIR AG, LLC OPERATIONAL AND MANAGEMENT PRACTICE**

Adair Ag, LLC is a new company starting construction on virgin farm ground. Adair Ag, LLC will be a full service location with bulk dry fertilizer, bulk chemical storage and loading capabilities, bulk liquid fertilizer, and also package chemical warehouse. These products will be contained and diked as needed and construction explained in our drawings to follow.

Since this site is new we will be able to build containment to best fit the product and use some newer state of the art materials in our construction. The proposal is to build an operational pad with concrete floor sloping to a middle sump that slopes to one side for ease of cleaning and recovery of spilled materials. All equipment will be loaded and unloaded in this pad. Also within this covered building will be the bulk chemical tanks diked separately, loading of mini-bulk tanks and unloading of chemicals from delivery trucks will be done in this area. Bulk chemical area will hold up to 5 tanks for chemicals and 2 rinse tanks 1 for bean rinse 1 for corn rinse. All chemical tanks will be of stainless steel construction with cone bottoms so less space will be displaced. The rinse tanks will also be of stainless steel and cone bottom. In this operational pad will be all the plants washing of equipment as needed with much of the equipment being washed in the last field of the day. Field washing of equipment will assist in keeping rinse water down to approximately 3000 gal a year which will be applied to the crop in quantities no greater than 10% of the load to be sprayed. The use of pressure washers with low g.p.m. and high pressure will keep rinse water low, also keeping dedicated mini-bulk tanks ( no rinsing to change products ), keeping secondary containment clean so it can be pumped over the side will also assist in keeping rinse water gallons down. We will also generate solids in this operational pad which will be containerized and let dry and applied along with ag lime during the year at low rates. We can expect about 300# of solids a year. Spill pans under all bulk hookups helps to eliminate loss of product, cuts down on both rinse water and solids.

Secondary containment of liquid fertilizer tanks will be outside the operational pad the concrete wall of the operational pad will be one wall of the secondary containment. This secondary containment will house:

4 - 30,000 gal tanks 3 containing 28% and 1 containing a liquid fertilizer, like 10-34-0. Secondary containment will be constructed of concrete as indicated in drawings attached with concrete floor with slope to one sump that will be checked for contamination before being pumped over the side, if the water is contaminated it will be saved in rinse tanks in operational pad for future application to farm fields. All storm water will be handled in this way.

16

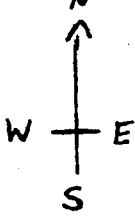
Package chemicals will be stored in a warehouse directly hooked to the secondary storage. In this building will house all package chemicals and full and empty mini-bulk tanks. This area will be contained with 1 foot of concrete wall with concrete floor as indicated in drawing attached. This area will have a slope to one sump that could be pumped in case of a spill doors will be raised to hold area contained also in this area will be a complete spill kit to contain spills in a small area when possible.

Storm water management is made easy with operational pad being covered and warehouse covered the only stormwater is the secondary containment, this is where care not to spill makes this job essential. The decision to pump stormwater over the side after visual inspection and based on records that the dike was clean before rainfall, will be made by the manager only. Triple rinsing with a high-pressure hose and a biodegradable cleanser and standing water to be removed in accordance with 17-255-110 B&C. The estimated amount of storm water based on average rainfall is 41000 gallons.

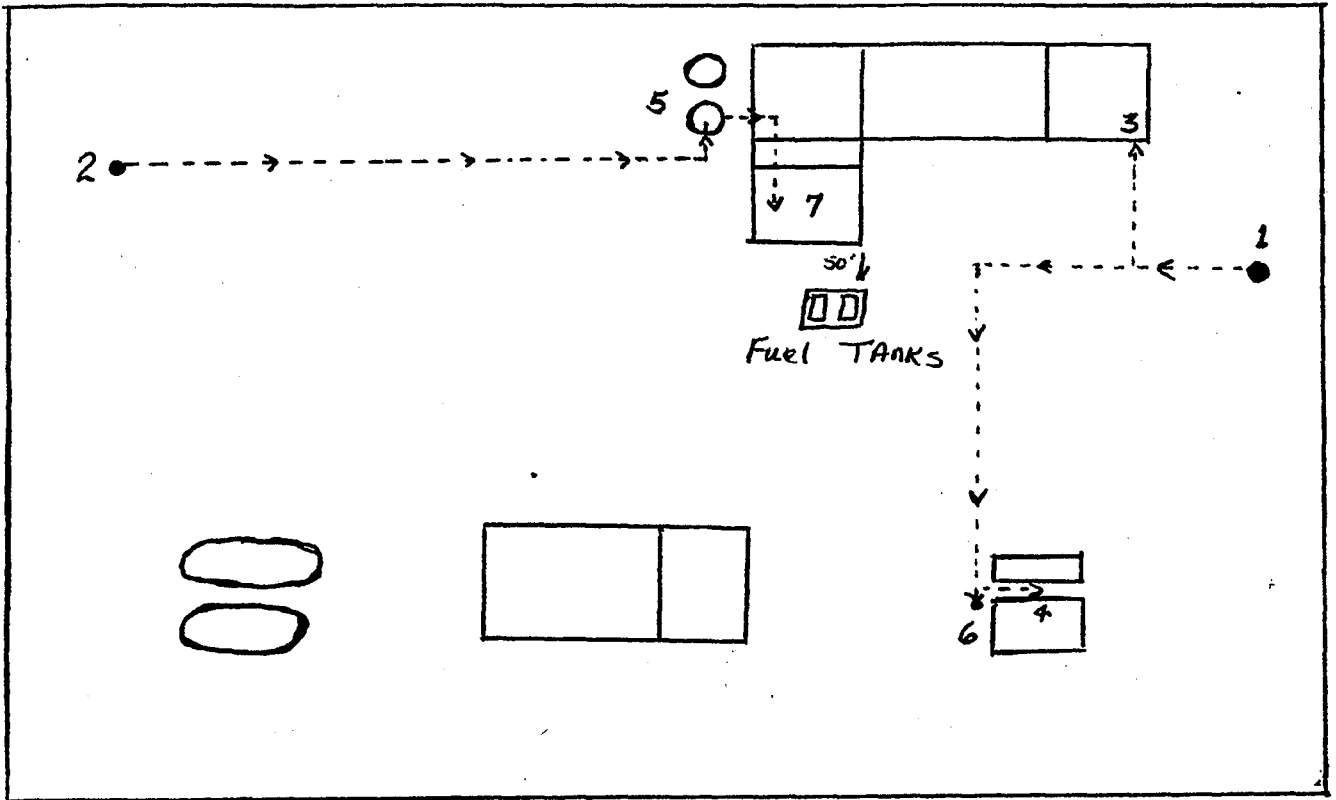
Dry fertilizer will be handled inside totally under roof except for receiving. The building will be constructed of concrete floors and concrete up to 8 ft finishing up to roof with wood. Loading will be done from driveway on one side of the building and blending equipment will be under roof. This building will house approx. 1000 ton of dry fertilizer.

Anhydrous ammonia will be stored at this facility also storage to be approx. 200 ton.

Since the two well on this property are non-potable we have for the employees and customers bottled drinking water.



# Adair Ag, LLC.



- 1 Northeast Well - for Bathroom only
- 2 Northwest Well - for Spraying only
- 3 Shop Bathroom
- 4 Office Bathroom
- 5 Water Storage Tanks - with 6 inch Air gap
- 6 Hydrant - for Lawn care only - Locked; Employee use.  
(No! Ag Chem u)
- 7 Floater wash and Clean-up



State of Illinois  
Department of Agriculture  
**AGRICHEMICAL FACILITY PERMIT**

**AGRICHEMICAL FACILITY PERMIT MODIFICATION**

<b>Permittee:</b> Adair Ag 9960 E 2100 <sup>th</sup> Street Adair, IL 61411	<b>Facility ID Number:</b> AC1093240000 <b>Facility Location:</b> Adair, IL
<b>Permit #:</b> AC00066202 <b>Facility Type:</b> Commercial-Retail Dealer <b>Date Issued:</b> May 4, 2001	<b>Log Number:</b> 01036507 <b>Date Received:</b> March 16, 2001 <b>Expiration Date:</b> July 24, 2005

A permit modification is hereby granted to the above designated permittee to construct and/or operate an agrichemical facility which was previously approved under the above referenced permit number. The facility and associated permit has been modified as follows:

**DRY FERTILIZER STRUCTURES**

Installation and operation of a bulk dry fertilizer storage building measuring 40' (width) x 80' (length) with an estimated total storage capacity of 1140 tons. The structure shall be composed of five (5) storage bins, (two (2) bins, each bin measuring 18' (width) x 40' (length) with an estimated storage capacity of 270 tons each and three (3) bins, each bin measuring 14' (width) x 40' (length) with an estimated storage capacity of 200 tons each).

All bulk dry fertilizer shall be stored within the herein permitted structure.

Installation and operation of a reinforced concrete operational containment structure measuring 20' (width) x 80' (length). All endloader transfer of bulk dry fertilizer between storage and the blender and all unloading of bulk dry fertilizer transportation and application equipment shall be performed upon the herein permitted structure.

Installation and operation of a reinforced concrete operational containment structure measuring 30' (width) x 40' (length). All loading of bulk dry fertilizer transportation and application equipment and all blending of bulk dry fertilizer shall be performed upon the herein permitted structure.

This permit modification has also been reviewed and approved by the Illinois Environmental Protection Agency per the attached permit modification endorsement. The expiration date of this permit modification shall remain the same as issued on the original permit.

