



EXAMPLE

Legal Contract to Trade

Form B

Trade Association - Internal Trading

Date Received		
Month	Day	Year
Trade Assoc. No.		

The terms used in this form have the same meaning and definitions as used in the Permit. This form must be signed by each Trade Association member (i.e. Permittee) and the Trade Association Representative by April 30th of the trading year in order to be valid. As stated in the Permit, individual members of a Trade Association must each submit a copy of this form to the MPCA by April 30th of each year in which the Association intends to trade. Submit this form to: Water Quality Submittal Center, Minnesota Pollution Control Agency, 520 Lafayette Road North, St. Paul, MN 55155-4194.

Calendar Year

Year of Jordan Trading Unit (JTU) Transfer (use one form per year): 2008

General Information

Trade Association Name: The Tri-County Traders

Trade Association Mailing Address: 12345 – 1st Avenue South

City: Anywhereville State: MN Zip: 55000

Trade Association Representative Name: Tom Tradewell Phone: 651-111-2222

Member Information

List the name and permit number of every member of this Trade Association in the table below. Each member must be a Permittee of the Minnesota River Basin General Phosphorus Permit. The Permittee name is the same name that the facility listed in its application for the Minnesota River Basin General Phosphorus Permit. The permit number is the MNG number that the facility received on its Notice of Coverage that the MPCA sent to the Permittee in response to its Permit application. Add rows to the table as needed to accommodate the actual number of Trade Association members.

Trade Association Members

Member No.	Permittee Name	Facility MN River Basin General Phosphorus Permit Number
1.	Acme Industries	MNG420997
2.	City of Green WWTF	MNG420996
3.	City of Red WWTF	MNG420995
4.	City of Yellow WWTF	MNG420994
5.	City of Brown WWTF	MNG420993

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Form B

Trade Association - Internal Trading

Minnesota River Basin General Phosphorus Permit – Phase I

Trade Information

Provide the information requested below about every member of this Trade Association (by Trade Association member number as indicated in the previous table) in either the buyer or seller table below as applicable. If a Trade Association member is not buying or selling JTUs to the Trade Association in this trading year, list them in the Trade Association Buyer's table below with a zero for the Chosen Increase to 5-Month Mass Phosphorus Limit (i.e. column C_b). Add rows to the table as needed.

Trade Association Buyers (Members purchasing JTUs from Association)

Permittee Limit Information				Trade Association Limit Information						
A _b . Member No.	B _b . 5-Month Mass Phosphorus Limit (kg)	C _b . Chosen Increase to 5-Month Mass Phosphorus Limit (kg)	D _b . Trade Association Member Adjusted Phosphorus Limit (kg)	E _b . JBOD Factor	F _b . JTUs from 5-Month Mass Phosphorus Limit	G _b . JTUs Purchased to Increase 5-Month Mass Phosphorus Limit	H _b . Trade Ratio	I _b . JTUs Purchased for Trade Ratio	J _b . Total JTUs Purchased from Trade Association	K _b . Total JTUs Available to Trade Association from Buyers
1	1000	100	1100	0.62	620	62	1.1	6.2	68.2	682
2	2000	200	2200	0.18	360	36	1.1	3.6	39.6	396
3	3000	250	3250	1.0	3000	250	1.1	25	275	3250
Total					3980	348		34.8	382.8	4328

A_b – Indicate each Permittee's Trade Association member number as listed in the Member Information table above.

B_b – Indicate each buyer's 5-Month Mass Phosphorus Limit (converted to kilograms) from Appendix B of the Permit.

C_b – Indicate the number of kilograms of phosphorus that the buyer's 5-Month Mass Phosphorus Limit will be increased due to this trade (the amount of phosphorus purchased by buyer). This value must be a whole number.

D_b – Indicate the buyer's Trade Association Member Adjusted Phosphorus Limit after this trade ($D_b = B_b + C_b$). This number will become the facility's phosphorus limit if this Trade Association exceeds its Final Adjusted Phosphorus Limit. This value must be a whole number.

E_b – Specify the buyer's Jordan Biochemical Oxygen Demand Factor as listed in Appendix B and or indicated in Appendix G of the Permit.

F_b – Indicate the buyer's 5-Month Mass Phosphorus Limit converted from kilograms to JTUs ($F_b = B_b \times E_b$).

G_b – Indicate the number of JTUs required to be purchased from the Trade Association to adjust the buyer's 5-Month Mass Phosphorus Limit upward by the amount specified in column C_b ($G_b = C_b \times E_b$).

H_b – Specify the numerical value of the buyer's Trade Ratio as listed in Appendix B of the Permit (i.e. 1.1 or 1.2).

I_b – Indicate the number of JTUs required to be purchased by the member for the Trade Ratio ($I_b = [G_b \times H_b] - G_b$). These JTUs are not applied towards the Association's limit.

J_b – The total number of JTUs purchased from the Trade Association for its phosphorus limit adjustment and for the Trade Ratio ($J_b = G_b + I_b$).

K_b – Number of JTUs that will be applied towards the Trade Association 5-Month Mass Phosphorus Limit (JTUs) from buyers ($K_b = F_b + G_b$).

Trade Association Sellers (Members selling JTUs to Association)

Permittee Limit Info		Trade Association Limit Information			Permittee Limit Information		Trade Association
A _s . Member No.	B _s . 5-Month Mass Phosphorus Limit (kg)	C _s . Seller JBOD Factor	D _s . JTUs Available Based on 5-Month Mass Phosphorus Limit	E _s . JTUs Sold to Trade Association	F _s . Decrease to 5-Month Mass Phosphorus Limit Based on Trade (kg)	G _s . Trade Association Member Adjusted Phosphorus Limit (kg)	H _s . Total JTUs Available to Trade Association from Sellers
4	5000	1.0	5000	182.8	183	4817	4817.2
5	4000	0.75	3000	200	267	3733	2800
Total			8000	382.8			7617.2

A_s – Indicate each Permittee's Trade Association member number as listed in the Member Information table above.

B_s – Indicate each seller's 5-Month Mass Phosphorus Limit (converted to kilograms) from Appendix B of the Permit.

C_s – Specify the seller's Jordan Biochemical Oxygen Demand Factor as listed in Appendix B and or indicated in Appendix G of the Permit.

D_s – Indicate the seller's 5-Month Mass Phosphorus Limit converted from kilograms to JTUs ($D_s = B_s \times C_s$).

E_s – Indicate the number of JTUs sold to the Trade Association by the individual member. Note: The total number of JTUs sold to the Trade Association must match the total number of JTUs purchased from the Trade Association (i.e. total of column E_s must equal total of column J_b in buyer's table).

F_s – Indicate the decrease to the seller's 5-Month Mass Phosphorus Limit (kg) due to this trade ($F_s = E_s / C_s$). Express this value as a whole number. If the calculated value is not a whole number, round up the calculated value to the nearest whole number.

G_s – Indicate the seller's Trade Association Member Adjusted Phosphorus Limit ($G_s = B_s - F_s$). This number becomes a phosphorus limit for the individual facility if the Trade Association exceeds its Final Adjusted Phosphorus Limit. This value must be a whole number.

H_s – Number of JTUs that will be applied towards the Trade Association 5-Month Mass Phosphorus Limit (JTUs) from sellers ($H_s = D_s - E_s$).

