



GENESEE COUNTY ROAD COMMISSION

Serving the motorists of Genesee County for more than 100 years

211 W. Oakley Street
Flint, MI 48503-3995
Website: www.gcrc.org
Board meetings: first and third Tuesdays at 10:00 A.M.

Phone: (810) 767-4920
Toll Free: (800) 249-4027
Fax (810) 767-5373 – Administration
Fax (810) 767-3634 – Maintenance

March 1, 2022

Mrs. Shirley Kautman-Jones, Township Supervisor
Township of Atlas
P.O Box 277
Goodrich, MI 48438

To Mrs. Kautman-Jones;

We are currently in the process of putting together the 2022 Dust Control Program. Generally, (2) two applications of Calcium Chloride is applied each year as needed during the hot/dry season when lack of moisture causes formation of fine dust and reduces road stability. An additional application of chloride can be applied if requested by the Township at their expense.

This year 38% Calcium Chloride will be available at a cost of \$0.66511/ gallon at an application rate of 2000 gal/mile. An alternate 38% Calcium Chloride will be available at a cost of \$0.66511/gallon at an application rate of 1500 gal/mile.

The Genesee County Road Commission and the Township will assume 50/50 of the cost of materials for the first application of 38% Calcium Chloride at an application rate of 2000 gal/mile. If the Township should feel the need for the mid-summer application of 38% at a spread rate of 2000 gal/mile or 38% Calcium Chloride at a spread rate of 1500 gal/mile, the cost will be at 100% expense to the Township. The Genesee County Road Commission will assume 100% of the cost of material for the third application of 38% Calcium Chloride at an application rate of 2000 gal/mile.

If the Township chooses to use another product, such as mineral well brine during the 2nd application, please note that all responsibility will be on the Township. This includes arranging the application of material as well as payment of invoices.

If the Township wishes to participate in the 2022 Dust Control Program, it is necessary for the Township to review the attached documents and proceed in the following manner.

Our mission, as Genesee County Road Commission employees, is to collectively provide and maintain a safe, cost-efficient and quality county road system for the motorists in Genesee County, Michigan.

Mrs. Shirley Kautman-Jones, Township Supervisor
Township of Atlas

STEP 1: Attached are (2) copies of the chloride maps for your Township. The maps are identical with the exception that one map is marked **"TOWNSHIP COPY"** and the other **"OFFICE COPY"**. Any changes (additions/deletions) are to be indicated by the Township in **RED** on both maps.

STEP 2: The map marked **"TOWNSHIP COPY"** should remain at the Township office for your records.

STEP 3: The map marked **"OFFICE COPY"** is to be mailed back to the Maintenance Division of the Genesee County Road Commission along with the attached authorization form on or before **April 22, 2022**.

NOTE: If the Township wishes to make additional changes to the 2022 Dust Control Program at a later date, it will be necessary for the Township at that time to notify Anthony Branch, Director of Maintenance, stating the changes that are to be made.

Please complete the attached **Chloride Application Authorization Form**, noting the following:

SECTION I - TERMS AND PROVISIONS: Township Personnel should review; no action required.

SECTION II – DUST CONTROL PROGRAM SELECTION: Township Personnel to select a YES/NO answer regarding the second application by placing an X in the appropriate box.

SECTION III - APPLICATION OF CHLORIDE CHANGES: Township Personnel should note any additions/deletions to correspond with any changes noted in **RED** on the chloride maps.

SECTION IV - AUTHORIZATIONS: Township Supervisor and Township Clerk should both sign and indicate date of authorization. The original signed form is to be returned to the Maintenance Department along with the **CHLORIDE MAP MARKED "OFFICE COPY"** on or before **April 22, 2022**.

If there any questions regarding the 2022 Dust Control Program, please feel to call me at (810) 767-4920, extension 277.

Sincerely,



Anthony Branch
Director of Maintenance

AB:ac

Attachments/Chloride Auth. Form, Cost Estimate & (2) Chloride Maps

**GENESEE COUNTY ROAD COMMISSION
MAINTENANCE ADMINISTRATIVE OFFICES**

CHLORIDE APPLICATION AUTHORIZATION FORM

SECTION I - TERMS AND PROVISIONS:

- (A) The sole purpose of this authorization is to provide for the application of Calcium Chloride in accordance with the enclosed chloride map.
- (B) It is understood that 50% of the cost of the first application of 38% Calcium Chloride at an application rate of 2000 gal/mile will be paid by the Genesee County Board of Road Commissioners and the Township, provided that the materials (chloride) are applied on unpaved local roads under the jurisdiction of the Genesee County Road Commission. The third application of 38% Calcium Chloride at an application rate of 2000 gal/mile will be paid 100 % by the Genesee County Road Commission. Any additional applications of 38% Chloride will be at 100% expense to the Township.
- (C) The Township by signed authorization of this document agrees that payment for this work shall be based on monthly billings from the Road Commission which shall be reimbursement for payments made for each application of chloride. Payments not made within thirty (30) days of billing date are subject to a one- percent (1%) per month penalty which shall be due to the Road Commission.

NOTE: FIRST APPLICATION OF CHLORIDE
Late April/Early May, 2022

NOTE: THIRD APPLICATION OF CHLORIDE
Mid-September, 2022

SECTION II - SECOND APPLICATION OF CHLORIDE SELECTION
Late June/Early July, 2022

Optional Second Application of 38% Calcium Chloride *(Please select one)*

Yes ☐ No ☐ 38% Calcium Chloride at a spread rate of 2,000 gallons per mile per application

Yes ☐ No ☐ 38% Calcium Chloride at a spread rate of 1,500 gallons per mile per application

Yes ☐ No ☐ Mineral Brine (This will be 100% Township responsibility. The GCRC is not liable for any arraignments of application or billing)

SECTION III - APPLICATION OF CHLORIDE CHANGES

A. COMMENTS _____

B. ADDITIONS _____

C. DELETION _____

Please make sure to mark any changes in the Comments, Additions or Deletions section if applicable or mark N/A if nothing applies

SECTION IV - AUTHORIZATION

The Township Supervisor and the Township Clerk of the Township do hereby certify to the Road Commission that this authorization form has been signed by them on behalf of the Township after being properly authorized to do so by the Township Board.

Authorization was granted on _____, **2022**, by a majority vote of the Township at a meeting duly called at which a quorum was present:

TOWNSHIP OF _____

Signed by _____ Date _____
Township Supervisor

Signed by _____ Date _____
Township Clerk



Summary of Projected 2022 Chloride Costs

Spread Rate of 2000 Miles/Gallons

Townships	Mileage*	Cost Per Gallon for 2022	Cost Per Gallon for 2021	% Change from 2021	First Application		Second Application		Third Application		GCRC/TWP Total Cost Each	Grand Total
					GCRC Share	Twp Share	GCRC Share	Twp Share	GCRC Share	Twp Share		
Argentine	45.87	\$0.66511	\$0.66511	0%	\$30,508.60	\$30,508.60	\$0.00	\$61,017.19	\$61,017.19	\$0.00	\$91,525.79	\$183,051.57
Atlas	38.98	\$0.66511	\$0.66511	0%	\$25,925.99	\$25,925.99	\$0.00	\$51,851.98	\$51,851.98	\$0.00	\$77,777.96	\$155,555.93
Clayton	26.08	\$0.66511	\$0.66511	0%	\$17,346.07	\$17,346.07	\$0.00	\$34,692.14	\$34,692.14	\$0.00	\$52,038.21	\$104,076.41
Davison	20.99	\$0.66511	\$0.66511	0%	\$13,960.66	\$13,960.66	\$0.00	\$27,921.32	\$27,921.32	\$0.00	\$41,881.98	\$83,763.95
Fenton	17.14	\$0.66511	\$0.66511	0%	\$11,399.99	\$11,399.99	\$0.00	\$22,799.97	\$22,799.97	\$0.00	\$34,199.96	\$68,399.91
Flint	20.84	\$0.66511	\$0.66511	0%	\$13,860.89	\$13,860.89	\$0.00	\$27,721.78	\$27,721.78	\$0.00	\$41,582.68	\$83,165.35
Flushing	11.30	\$0.66511	\$0.66511	0%	\$7,515.74	\$7,515.74	\$0.00	\$15,031.49	\$15,031.49	\$0.00	\$22,547.23	\$45,094.46
Forest	36.12	\$0.66511	\$0.66511	0%	\$24,023.77	\$24,023.77	\$0.00	\$48,047.55	\$48,047.55	\$0.00	\$72,071.32	\$144,142.64
Gaines	35.70	\$0.66511	\$0.66511	0%	\$23,744.43	\$23,744.43	\$0.00	\$47,488.85	\$47,488.85	\$0.00	\$71,233.28	\$142,466.56
Genesee	12.88	\$0.66511	\$0.66511	0%	\$8,566.62	\$8,566.62	\$0.00	\$17,133.23	\$17,133.23	\$0.00	\$25,699.85	\$51,399.70
Gr Blanc	9.58	\$0.66511	\$0.66511	0%	\$6,371.75	\$6,371.75	\$0.00	\$12,743.51	\$12,743.51	\$0.00	\$19,115.26	\$38,230.52
Montrose	25.94	\$0.66511	\$0.66511	0%	\$17,252.95	\$17,252.95	\$0.00	\$34,505.91	\$34,505.91	\$0.00	\$51,758.86	\$103,517.72
Mt. Morris	25.18	\$0.66511	\$0.66511	0%	\$16,747.47	\$16,747.47	\$0.00	\$33,494.94	\$33,494.94	\$0.00	\$50,242.41	\$100,484.82
Mundy	22.13	\$0.66511	\$0.66511	0%	\$14,718.88	\$14,718.88	\$0.00	\$29,437.77	\$29,437.77	\$0.00	\$44,156.65	\$88,313.31
Richfield	25.15	\$0.66511	\$0.66511	0%	\$16,727.52	\$16,727.52	\$0.00	\$33,455.03	\$33,455.03	\$0.00	\$50,182.55	\$100,365.10
Thetford	12.40	\$0.66511	\$0.66511	0%	\$8,247.36	\$8,247.36	\$0.00	\$16,494.73	\$16,494.73	\$0.00	\$24,742.09	\$49,484.18
Vienna	6.09	\$0.66511	\$0.66511	0%	\$4,050.52	\$4,050.52	\$0.00	\$8,101.04	\$8,101.04	\$0.00	\$12,151.56	\$24,303.12
TOTAL	392.37				\$260,969.21	\$260,969.21	\$0.00	\$521,938.42	\$521,938.42	\$0.00		\$1,565,815.26

* Mileage based on 2021 local unpaved roads