



Highway Committee

Committee Meeting

60 Central Ave.
Cortland, NY 13045
<http://www.cortland-co.org>

~ Minutes ~

Tuesday, April 12, 2022

11:00 AM

Board Room

CALL TO ORDER

The meeting was called to order at 11:03 AM by Committee Chair Christopher Newell

Attendee Name	Organization	Title	Status	Arrived
George Wagner	Cortland County, NY	Committee Member	Present	
Linda Jones	Cortland County, NY	Committee Member	Excused	
Christopher Newell	Cortland County, NY	Committee Chair	Present	
Ronald J. Van Dee	Cortland County, NY	Committee Vice Chair	Present	
Cathy Bischoff	Cortland County, NY	Committee Member	Present	
Joseph Nauseef	Cortland County, NY	Committee Member	Present	
Eugene Waldbauer	Cortland County, NY	Committee Member	Present	
Kevin Fitch	Cortland County, NY	Chair of the Legislature	Present	
Rob Corpora	Cortland County, NY	County Administrator	Present	
Charles Sudbrink	Cortland County, NY	Highway Superintendent	Present	
Savannah Hempstead	Cortland County, NY	Clerk of the Legislature	Present	
Toby Bonham	Cortland County, NY	Landfill Manager	Present	
Paul Heider	Cortland County, NY	Board Member	Present	
Sandra Price	Cortland County, NY	Board Member	Present	
Kevin Limit	Cortland Standard	Reporter	Present	
Andrea Herzog	Cortland County, NY	Director, Budget & Finance	Present	
Stephen Furlin	Cortland County, NY	Resident	Present	
Mitchel Eccleston	Cortland County, NY	Board Member	Present	
Jillian Blake	Barton & Loguidice	Engineer	Present	

MINUTES

1. Highway Committee - Committee Meeting - Mar 8, 2022 11:00 AM

RESULT:	ACCEPTED [UNANIMOUS]
MOVER:	Joseph Nauseef, Committee Member
SECONDER:	Cathy Bischoff, Committee Member
AYES:	Wagner, Newell, Van Dee, Bischoff, Nauseef, Waldbauer
EXCUSED:	Linda Jones

RESOLUTIONS

AGENDA ITEM NO. 1 – Amend 2022 Budget/Authorize Agreement/Installation of Active Landfill Gas Collection and Control System - Highway Department

RESULT:	APPROVED [UNANIMOUS]
	Next: 4/19/2022 10:00 AM
MOVER:	Joseph Nauseef, Committee Member
SECONDER:	George Wagner, Committee Member
AYES:	Wagner, Newell, Van Dee, Bischoff, Nauseef, Waldbauer
EXCUSED:	Linda Jones

ON MOTION OF NEWELL

RESOLUTION NO.

Amend 2022 Budget/Authorize Agreement/Installation of Active Landfill Gas Collection and Control System - Highway Department

WHEREAS, the Cortland County Landfill produces methane gas that is directly vented into the atmosphere, AND

WHEREAS, methane is a greenhouse gas that is approximately 25 times more potent than carbon dioxide and produces odors at the Cortland County Landfill and surrounding areas, AND

WHEREAS, Barton & Loguidice, D.P.C. provided a preliminary analysis of the estimated landfill gas generation at the Cortland County Landfill based upon the mass of waste in place at the landfill, the type of waste at the landfill, the landfill design life, the methane generation constant, the methane generation potential, the concentration of NMOC's as hexane, the volumetric percent of landfill gas that is methane and the volumetric percent of landfill gas that is carbon dioxide, AND

WHEREAS, through voluntary destruction of landfill gas with the installation of an active gas collection and flaring system, the County is eligible to become a carbon credit provider, AND

WHEREAS, the Cortland County Highway Committee supports the installation of an active gas collection and flaring system to reduce the amount of greenhouse gases emitted into the atmosphere from the landfill and to be eligible to become a carbon credit provider, NOW THEREFORE BE IT

RESOLVED, that the Cortland County Legislature be and hereby approves of the installation of an active gas collection and flaring system at the Cortland County Landfill, AND BE IT FURTHER

RESOLVED, that the County Administrator and the Superintendent of Highways, upon approval from the County Attorney or designee as to form, be and hereby are authorized to enter into any agreements and award bids needed for the planning, installation and implementation of an active gas collection and flaring system at the Cortland County Landfill for a cost not to exceed \$1.7 million, AND BE IT FURTHER

RESOLVED, that the Cortland County Legislature hereby authorizes the 2022 County Budget to be modified as necessary for said project, AND BE IT FURTHER

RESOLVED, that the funding for this project is to come from account A359900, Appropriated Fund Balance, as a loan from the General Fund to the Solid Waste Fund to be paid back with carbon credits received.

AGENDA ITEM NO. 2 – Allocate 2021 Fund Balance to Airport Reserve - Highway Department/Cortland County Airport

RESULT:	APPROVED [UNANIMOUS]
	Next: 4/19/2022 10:00 AM
MOVER:	Eugene Waldbauer, Committee Member
SECONDER:	Ronald J. Van Dee, Committee Vice Chair
AYES:	Wagner, Newell, Van Dee, Bischoff, Nauseef, Waldbauer
EXCUSED:	Linda Jones

ON MOTION OF NEWELL

RESOLUTION NO.

Allocate 2021 Fund Balance to Airport Reserve - Highway Department/Cortland County Airport

WHEREAS, the Cortland County Legislature adopted Resolution No. 269-17 which directed that the gain or loss from A5610 accounts be placed into a dedicated reserve fund, AND

WHEREAS, the Airport had a gain in 2021 of \$52,284.74, AND

WHEREAS, a Board resolution is required annually to move the funds into said Airport Reserve, NOW THEREFORE BE IT

RESOLVED that the Airport Reserve (A386300.ARPT) be increased \$52,284.74 for 2021 gains.

AGENDA ITEM NO. 3 – Authorize Agreement for Environmental Monitoring with Cortland County Soil and Water Conservation District - Highway Department Division of Solid Waste

RESULT:	APPROVED [UNANIMOUS]
	Next: 4/19/2022 10:00 AM
MOVER:	Eugene Waldbauer, Committee Member
SECONDER:	Ronald J. Van Dee, Committee Vice Chair
AYES:	Wagner, Newell, Van Dee, Bischoff, Nauseef, Waldbauer
EXCUSED:	Linda Jones

ON MOTION OF NEWELL

RESOLUTION NO.

Authorize Agreement for Environmental Monitoring with Cortland County Soil and Water Conservation District - Highway Department Division of Solid Waste

WHEREAS, Cortland County is required to monitor ground water quality at the Cortland County Landfill, AND

WHEREAS, the Cortland County Soil and Water Conservation District has submitted a proposal to provide monitoring services and the associated report preparation for the Cortland County Landfill for a three year term of January 1, 2022 through December 31, 2024, AND

WHEREAS, the costs of said services will be \$74,000.00 per year, which may be invoiced quarterly, AND

WHEREAS, in addition, the Cortland County Soil and Water District will be entitled to additional compensation in the event of a substantial increase in costs required to provide such services. A substantial increase shall be defined as an increase in excess of 5% over the prior year for laboratory testing fees, NOW THEREFORE BE IT

RESOLVED, that the Cortland County Administrator, upon review and approval as to form by the County Attorney or designee, is hereby authorized to execute an agreement with the Cortland County

Soil and Water Conservation District to perform the environmental monitoring and the associated report preparation for the Cortland County Landfill for a cost of \$74,000.00 per year, to be paid from Landfill account EL81605.54055, on a quarterly basis commencing on January 1, 2022 and ending December 31, 2024.

AGENDA ITEM NO. 4 – Transfer Funds/Establish 2022 Projects for the Consolidated Local Street and Highway Improvement Program (CHIPS) PAVE-NY Funds and Extreme Winter Recovery Program (EWR) Funds/Create Projects - Highway Department

RESULT: APPROVED [UNANIMOUS]

Next: 4/19/2022 10:00 AM

MOVER: George Wagner, Committee Member

SECONDER: Joseph Nauseef, Committee Member

AYES: Wagner, Newell, Van Dee, Bischoff, Nauseef, Waldbauer

EXCUSED: Linda Jones

ON MOTION OF NEWELL

RESOLUTION NO.

Transfer Funds/Establish 2022 Projects for the Consolidated Local Street and Highway Improvement Program (CHIPS) PAVE-NY Funds and Extreme Winter Recovery Program (EWR) Funds/Create Projects - Highway Department

WHEREAS, the 2022 County Road Fund Budget included \$1,992,703 in funding for the Consolidated Local Street and Highway Improvement Program (CHIPS), \$555,598 under the program known as PAVE-NY, and \$369,997 in Extreme Winter Recovery (EWR), for a total of \$2,918,298, AND

WHEREAS, the County Road Rehab Projects were not yet determined at the time of the passing of the 2022 County Road Fund Budget, AND

WHEREAS, an amount of \$2,918,298.00 was budgeted in expense account D51125.54077 to be used when the projects were determined, AND

WHEREAS, the Cortland County Highway Superintendent has recommended that the following new projects be established for the 2022 Construction Season:

Fisher Avenue, Project # 7150
Health Camp Road, Project # 7151
McGraw Marathon Road Section G, Project # 7152
McGraw Marathon Road Section H, Project # 7153
Penelope Road, Project # 7233
Texas Valley Road, Project # 7155

, AND

WHEREAS, the following projects were established in 2021, and will be completed in 2022:

Page Green Road Section 1 Project # 7149
Preble Road, Project # 7146
Highland Road, Project # 7148

, NOW THEREFORE BE IT

RESOLVED, that the 2022 County Road Fund Budget be amended as follows:

DECREASE:				
D51125	54077		CHIPS EXPENSES	\$ 2,106,863.00
INCREASE:			PROJECTS	
			PREBLE ROAD	
D51125	51005	7146	PERSONAL SERVICES	\$ 8,990.00
D51125	54065	7146	EQUIPMENT	\$ 26,028.00
D51125	54077	7146	MATERIALS	\$ 94,068.00
D51125	58020	7146	RETIREMENT	\$ 2,374.00
D51125	58030	7146	FICA	\$ 1,297.00
D51125	58040	7146	WORKERS COMP	\$ 678.00
D51125	58060	7146	HEALTH	\$ 3,591.00
D51125	58062	7146	DENTAL	\$ 22.00
D51125	58065	7146	VISION	\$ 4.00
			TOTAL PROJECT	\$ 137,052.00
			HIGHLAND ROAD	
D51125	51005	7148	PERSONAL SERVICES	\$ 18,151.00
D51125	54065	7148	EQUIPMENT	\$ 48,060.00
D51125	54077	7148	MATERIALS	\$ 162,432.00
D51125	58020	7148	RETIREMENT	\$ 4,793.00
D51125	58030	7148	FICA	\$ 2,619.00
D51125	58040	7148	WORKERS COMP	\$ 1,369.00
D51125	58060	7148	HEALTH	\$ 7,251.00
D51125	58062	7148	DENTAL	\$ 45.00
D51125	58065	7148	VISION	\$ 8.00
			TOTAL PROJECT	\$ 244,728.00
			PAGE GREEN ROAD SECTION A	
D51125	51005	7149	PERSONAL SERVICES	\$ 11,280.00
D51125	54065	7149	EQUIPMENT	\$ 29,916.00
D51125	54077	7149	MATERIALS	\$ 201,960.00
D51125	58020	7149	RETIREMENT	\$ 2,979.00
D51125	58030	7149	FICA	\$ 1,628.00
D51125	58040	7149	WORKERS COMP	\$ 851.00
D51125	58060	7149	HEALTH	\$ 4,506.00
D51125	58062	7149	DENTAL	\$ 28.00
D51125	58065	7149	VISION	\$ 5.00
			TOTAL PROJECT	\$ 253,153.00
			FISHER AVE	
D51125	51005	7150	PERSONAL SERVICES	\$ 8,818.00
D51125	54065	7150	EQUIPMENT	\$ 45,036.00
D51125	54077	7150	MATERIALS	\$ 39,420.00

D51125	58020	7150	RETIREMENT	\$ 2,328.00
D51125	58030	7150	FICA	\$ 1,272.00
D51125	58040	7150	WORKERS COMP	\$ 665.00
D51125	58060	7150	HEALTH	\$ 3,523.00
D51125	58062	7150	DENTAL	\$ 22.00
D51125	58065	7150	VISION	\$ 4.00
			TOTAL PROJECT	\$ 101,088.00
			HEALTH CAMP ROAD	
D51125	51005	7151	PERSONAL SERVICES	\$ 33,096.00
D51125	54065	7151	EQUIPMENT	\$ 103,572.00
D51125	54077	7151	MATERIALS	\$ 152,604.00
D51125	58020	7151	RETIREMENT	\$ 8,739.00
D51125	58030	7151	FICA	\$ 4,775.00
D51125	58040	7151	WORKERS COMP	\$ 2,497.00
D51125	58060	7151	HEALTH	\$ 13,221.00
D51125	58062	7151	DENTAL	\$ 81.00
D51125	58065	7151	VISION	\$ 14.00
			TOTAL PROJECT	\$ 318,599.00
			MCGRAW MARATHON ROAD SECTION G	
D51125	51005	7152	PERSONAL SERVICES	\$ 16,462.00
D51125	54065	7152	EQUIPMENT	\$ 110,538.00
D51125	54077	7152	MATERIALS	\$ 149,418.00
D51125	58020	7152	RETIREMENT	\$ 4,347.00
D51125	58030	7152	FICA	\$ 2,375.00
D51125	58040	7152	WORKERS COMP	\$ 1,242.00
D51125	58060	7152	HEALTH	\$ 6,576.00
D51125	58062	7152	DENTAL	\$ 40.00
D51125	58065	7152	VISION	\$ 7.00
			TOTAL PROJECT	\$ 291,005.00
			MCGRAW MARATHON ROAD SECTION H	
D51125	51005	7153	PERSONAL SERVICES	\$ 16,462.00
D51125	54065	7153	EQUIPMENT	\$ 110,538.00
D51125	54077	7153	MATERIALS	\$ 149,418.00
D51125	58020	7153	RETIREMENT	\$ 4,347.00
D51125	58030	7153	FICA	\$ 2,375.00
D51125	58040	7153	WORKERS COMP	\$ 1,242.00
D51125	58060	7153	HEALTH	\$ 6,576.00
D51125	58062	7153	DENTAL	\$ 40.00
D51125	58065	7153	VISION	\$ 7.00
			TOTAL PROJECT	\$ 291,005.00
			PENELOPE ROAD	
D51125	51005	7233	PERSONAL SERVICES	\$ 14,258.00

D51125	54065	7233	EQUIPMENT	\$ 52,812.00
D51125	54077	7233	MATERIALS	\$ 41,472.00
D51125	58020	7233	RETIREMENT	\$ 3,765.00
D51125	58030	7233	FICA	\$ 2,057.00
D51125	58040	7233	WORKERS COMP	\$ 1,076.00
D51125	58060	7233	HEALTH	\$ 5,696.00
D51125	58062	7233	DENTAL	\$ 35.00
D51125	58065	7233	VISION	\$ 6.00
			TOTAL PROJECT	\$ 121,177.00
			TEXAS VALLEY ROAD	
D51125	51005	7155	PERSONAL SERVICES	\$ 21,358.00
D51125	54065	7155	EQUIPMENT	\$ 139,320.00
D51125	54077	7155	MATERIALS	\$ 169,452.00
D51125	58020	7155	RETIREMENT	\$ 5,640.00
D51125	58030	7155	FICA	\$ 3,082.00
D51125	58040	7155	WORKERS COMP	\$ 1,611.00
D51125	58060	7155	HEALTH	\$ 8,532.00
D51125	58062	7155	DENTAL	\$ 52.00
D51125	58065	7155	VISION	\$ 9.00
			TOTAL PROJECT	\$ 349,056.00
			TOTAL INCREASE	\$ 2,106,863.00

, AND BE IT FURTHER

RESOLVED, that more projects will be added as time allows during the 2022 Construction Season.

AGENDA ITEM NO. 5 – MH-2 Hangar Lease Agreement - Cortland County Airport/Highway Department

RESULT:	APPROVED [UNANIMOUS]
	Next: 4/28/2022 6:00 PM
MOVER:	Cathy Bischoff, Committee Member
SECONDER:	Eugene Waldbauer, Committee Member
AYES:	Wagner, Newell, Van Dee, Bischoff, Nauseef, Waldbauer
EXCUSED:	Linda Jones

ON MOTION OF NEWELL

RESOLUTION NO.

MH-2 Hangar Lease Agreement - Cortland County Airport/Highway Department

WHEREAS, Cortland County (Lessor) currently owns, maintains and leases various hangar buildings and spaces at Cortland County Airport on a monthly basis, AND

WHEREAS, in accordance with Local Law No. 5 of 2012, the County has negotiated with DM3 of Cortland, LLC (Lessee), P.O. Box 328, Cortland, NY 13045, for the lease of a portion of Hangar Building MH-2 at Cortland County Airport, AND

WHEREAS, the Cortland County Legislature's Highway Committee recommends the lease of approximately 6,500 square feet of Hangar MH-2 with the Lessee, containing the following terms and conditions:

Rental Rate Schedule:

- Year 1 (January 1, 2022 to December 31, 2022): \$1,300.00 per month,
- Optional one (1) Year term, commencing (January 1, 2023 to December 31, 2023): During the lease extension term, the annual rent shall be Fifteen Thousand Eight Hundred Forty Dollars (\$15,840.00) and shall be paid in twelve equal monthly installments of \$1,320.00 per month on the first day of each month

Terms and Conditions:

- All other terms and conditions of the previous Lease for Hangar MH-2 as outlined in the contract with the Lessee shall apply.

, NOW THEREFORE BE IT

RESOLVED, that the Cortland County Legislature hereby approves the lease of a portion of Hangar MH- 2 at Cortland County Airport to DM3 of Cortland, LLC (Lessee), P.O. Box 328, Cortland, NY 13045, in accordance with the Rental Rate Schedule, and Terms and Conditions as stated above, AND BE IT FURTHER

RESOLVED, that the County Administrator, upon review and approval by the County Attorney or designee as to form, is hereby authorized to execute the necessary Hangar Lease Agreement with the Lessee, in accordance with the Rental Rate Schedule, and Terms and Conditions as stated above.

COMMITTEE APPROVAL

1. Approval to Use Dwyer Park for Bluegrass Ramble on August 7, 2022

RESULT:	APPROVED [UNANIMOUS]
MOVER:	Joseph Nauseef, Committee Member
SECONDER:	Eugene Waldbauer, Committee Member
AYES:	Wagner, Newell, Van Dee, Bischoff, Nauseef, Waldbauer
EXCUSED:	Linda Jones

2. Approval of Seven Valley Street Rod Club Request to Use Dwyer Park for Car Show on September 18, 2022

RESULT:	APPROVED [UNANIMOUS]
MOVER:	Joseph Nauseef, Committee Member
SECONDER:	George Wagner, Committee Member
AYES:	Wagner, Newell, Van Dee, Bischoff, Nauseef, Waldbauer
EXCUSED:	Linda Jones

3. Committee Approval for Resolution to Go Forward to the Government Operations Committee for an Additional Employee at the Landfill

RESULT:	APPROVED [UNANIMOUS]
MOVER:	George Wagner, Committee Member
SECONDER:	Joseph Nauseef, Committee Member
AYES:	Wagner, Newell, Van Dee, Bischoff, Nauseef, Waldbauer
EXCUSED:	Linda Jones

MONTHLY REPORTS

1. April Solid Waste Activities Report

RESULT:	COMPLETED
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2. March Solid Waste Totals

RESULT:	COMPLETED
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3. Activities Report - Highway Department

RESULT:	COMPLETED
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ADJOURNMENT

The meeting was closed at 12:04 PM



Highway Committee

Committee Meeting

60 Central Ave.
Cortland, NY 13045
<http://www.cortland-co.org>

~ Minutes ~

Tuesday, March 8, 2022

11:00 AM

Board Room

CALL TO ORDER

The meeting was called to order at 11:01 AM by Committee Chair Christopher Newell

Attendee Name	Organization	Title	Status	Arrived
George Wagner	Cortland County, NY	Committee Member	Present	
Linda Jones	Cortland County, NY	Committee Member	Present	
Christopher Newell	Cortland County, NY	Committee Chair	Present	
Ronald J. Van Dee	Cortland County, NY	Committee Vice Chair	Present	
Cathy Bischoff	Cortland County, NY	Committee Member	Present	
Joseph Nauseef	Cortland County, NY	Committee Member	Present	
Eugene Waldbauer	Cortland County, NY	Committee Member	Excused	
Savannah Hempstead	Cortland County, NY	Clerk of the Legislature	Present	
Patricia Dawson	Cortland County, NY	Deputy Clerk of the Legislature	Present	
Toby Bonham	Cortland County, NY	Landfill Manager	Present	
Paul Heider	Cortland County, NY	Board Member	Present	
Charles Sudbrink	Cortland County, NY	Highway Superintendent	Present	
Kevin Smith	Cortland Voice	Reporter	Present	
Rob Corpora	Cortland County, NY	County Administrator	Present	

MINUTES

1. Highway Committee - Committee Meeting - Feb 8, 2022 11:00 AM

RESULT:	ACCEPTED [UNANIMOUS]
MOVER:	Ronald J. Van Dee, Committee Vice Chair
SECONDER:	Joseph Nauseef, Committee Member
AYES:	Wagner, Jones, Newell, Van Dee, Bischoff, Nauseef
EXCUSED:	Eugene Waldbauer

RESOLUTIONS

AGENDA ITEM NO. 1 – Authorize 2022 Fireworks Agreement with Zambelli Fireworks for Annual July Fireworks Celebration at Dwyer Memorial Park

Minutes Acceptance: Minutes of Mar 8, 2022 11:00 AM (MINUTES)

RESULT:	APPROVED [UNANIMOUS]
	Next: 3/15/2022 10:00 AM
MOVER:	George Wagner, Committee Member
SECONDER:	Linda Jones, Committee Member
AYES:	Wagner, Jones, Newell, Van Dee, Bischoff, Nauseef
EXCUSED:	Eugene Waldbauer

ON MOTION OF NEWELL

RESOLUTION NO.

Authorize 2022 Fireworks Agreement with Zambelli Fireworks for Annual July Fireworks Celebration at Dwyer Memorial Park

WHEREAS, Cortland County has held a Fourth of July celebration at Dwyer Memorial Park for many years, AND

WHEREAS, a request for quotes was issued to solicit quotes from fireworks vendors, AND

WHEREAS, one quote was received from Zambelli Fireworks Manufacturing Co. of 120 Marshall Drive, Warrendale, PA 15086, in the amount of \$17,250, AND

WHEREAS, the 2022 Cortland County budget includes the funding for the annual Fourth of July celebration in account A71105.54055, NOW THEREFORE BE IT

RESOLVED, the Cortland County Legislature hereby authorizes the County Administrator, upon approval of the County Attorney or designee, to enter into a contract with Zambelli Fireworks Manufacturing Co. of 120 Marshall Drive, Warrendale, PA 15086, in the amount of \$17,250.

AGENDA ITEM NO. 2 – Authorize Vendor Fee for Annual Dwyer Memorial Park Fourth of July Celebration - Highway Department

RESULT:	APPROVED [5 TO 1]
	Next: 3/15/2022 10:00 AM
MOVER:	Joseph Nauseef, Committee Member
SECONDER:	Cathy Bischoff, Committee Member
AYES:	Wagner, Jones, Newell, Bischoff, Nauseef
NAYS:	Ronald J. Van Dee
EXCUSED:	Eugene Waldbauer

ON MOTION OF NEWELL

RESOLUTION NO.

Authorize Vendor Fee for Annual Dwyer Memorial Park Fourth of July Celebration - Highway Department

WHEREAS, the County of Cortland holds an annual Fourth of July Celebration at the County-owned Dwyer Memorial Park, AND

WHEREAS, the Highway Committee of the Legislature recommends the implementation of vendor fees for all vendors attending the annual celebration to ensure that vendors show up to the event, NOW THEREFORE BE IT

RESOLVED, that the Cortland County Legislature hereby establishes vendor fees in the amount of \$100 for each vendor in attendance at all future Dwyer Memorial Park Fourth of July Celebrations,

Minutes Acceptance: Minutes of Mar 8, 2022 11:00 AM (MINUTES)

effective immediately, AND BE IT FURTHER

RESOLVED, that \$50 of each vendor fee is to be refunded to the vendor post event and \$50 of each vendor fee be deposited into account A711042.42001 as revenue, AND BE IT FURTHER

RESOLVED, that should the vendor not be in attendance at the event, the County will retain the entire vendor fee.

AGENDA ITEM NO. 3 – Approve Purchase of One Used Tank Trailer - Solid Waste

RESULT: APPROVED [UNANIMOUS]

Next: 3/15/2022 10:00 AM

MOVER: George Wagner, Committee Member

SECONDER: Linda Jones, Committee Member

AYES: Wagner, Jones, Newell, Van Dee, Bischoff, Nauseef

EXCUSED: Eugene Waldbauer

ON MOTION OF NEWELL

RESOLUTION NO.

Approve Purchase of One Used Tank Trailer - Solid Waste

WHEREAS, the Highway Committee has approved the purchase of one (1) used tank trailer to be used at the Cortland County Landfill for hauling leachate, AND

WHEREAS, the Highway Superintendent has requested quotes for said used trailer and they are as follows:

<u>VENDOR</u>	<u>QUOTE</u>
Tri Tank Corp. 115 Farrell Road Syracuse, NY 13209	\$34,999.00
Tri-State Trailer Sales, Inc. 3111 Grand Ave. Pittsburg, PA 15225	\$35,750.00
Tracey Road Equipment, Inc. 6803 Manlius Center Road E. Syracuse, NY 13057	\$93,000.00 (New Tank Trailer)

, AND

WHEREAS, the lowest responsible quote for a used tank trailer meeting the requirements for transportation of leachate is from Tri Tank Corp., 115 Farrell Road, Syracuse, NY 13209, AND

WHEREAS, the monies for said purchase are budgeted in the Solid Waste Account # EL999542.52030.LDEQ, NOW, THEREFORE BE IT

RESOLVED, that the Cortland County Treasurer be and is hereby authorized and directed to make payment from Account EL999542.52030.LDEQ, Solid Waste Equipment for the purchase of one (1) used tank trailer from Tri Tank, 115 Farrell Road, Syracuse, NY 13209 in an amount of \$34,999.00.

Minutes Acceptance: Minutes of Mar 8, 2022 11:00 AM (MINUTES)

AGENDA ITEM NO. 4 – Award 2022 Material and Service Bids and Authorize Agreements with Various Vendors - Highway Department

RESULT:	APPROVED [UNANIMOUS]
	Next: 3/15/2022 10:00 AM
MOVER:	Ronald J. Van Dee, Committee Vice Chair
SECONDER:	Linda Jones, Committee Member
AYES:	Wagner, Jones, Newell, Van Dee, Bischoff, Nauseef
EXCUSED:	Eugene Waldbauer

ON MOTION OF NEWELL

RESOLUTION NO.

Award 2022 Material and Service Bids and Authorize Agreements with Various Vendors - Highway Department

WHEREAS, the Cortland County Highway Department advertised, received and opened bids for various materials, supplies and services used by the Highway Department, AND

WHEREAS, the costs for these various supplies, materials and services have been appropriated in the 2022 Budget, AND

WHEREAS, the Cortland County Highway Superintendent has reviewed the various bid responses and recommends that the following vendors and materials be awarded based on lowest price and best value to the County, NOW THEREFORE BE IT

RESOLVED, that in accordance with the recommendations of the Highway Superintendent that the County Highway Department may purchase materials, supplies and services from the lowest responsible bidder meeting specifications as well as location and availability as follows:

ABRASIVES FOR SNOW & ICE CONTROL from Homer Sand & Gravel, 1865 Rte. 13, Cortland, NY 13045 for \$4.50 per ton.

BITUMINOUS CONCRETE from the vendors quotes on the attached price sheet where cost, quality of material, location of plant in conjunction with location of work to be done and availability will be taken into consideration.

CRACK FILLING from Suit Kote Corporation, 1911 Lornings Cross Rd., Cortland, NY 13045.

CRUSHED STONE from the vendors quotes on the attached price sheet where cost, quality of material, location of pit in conjunction with location of work to be done and availability will be taken into consideration.

GEOTEXTILE No Bids Received

DIESEL FUEL from Mirabito Energy Products, The Metro Center, 49 Court Street, Binghamton, NY 13902.

HEAVY ROCK RIP-RAP from the vendors quotes on the attached price sheet where cost, quality of material, location of pit in conjunction with location of work to be done and availability will be taken into consideration.

HIGHWAY AGGREGATES from the vendors quotes on the attached price sheet where cost, quality of material, location of pit in conjunction with location of work to be done and availability will be taken into consideration.

PAINTING TRAFFIC LINES from Seneca Pavement Marking, Inc., 3526 Watkins Road, Horseheads, NY

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STONE FILLING MATERIALS from the vendors quotes on the attached price sheet where cost, quality of material, location of pit in conjunction with location of work to be done and availability will be taken into consideration

TRANSIT MIX CONCRETE/PRECAST CONCRETE BLOCKS from the vendors quotes on the attached price sheet where cost, quality of material, location of plant in conjunction with location of work to be done and availability will be taken into consideration.

UNLEADED FUEL (87 OCTANE) from Mirabito Energy Products, The Metro Center, 49 Court Street, Binghamton, NY 13902.

, AND BE IT FURTHER

RESOLVED, that the County Administrator, upon review and approval as to form by the County Attorney or designee and subject to appropriation of funding by the Legislature, is hereby authorized to execute any agreements associated with said bid awards.

AGENDA ITEM NO. 5 – Approve Purchase of Two New Ferris Zereturn Mowers - Highway Department

RESULT:	APPROVED [UNANIMOUS]
	Next: 3/24/2022 6:00 PM
MOVER:	Ronald J. Van Dee, Committee Vice Chair
SECONDER:	Cathy Bischoff, Committee Member
AYES:	Wagner, Jones, Newell, Van Dee, Bischoff, Nauseef
EXCUSED:	Eugene Waldbauer

ON MOTION OF NEWELL

RESOLUTION NO.

Approve Purchase of Two New Ferris Zereturn Mowers - Highway Department

WHEREAS, the Highway Committee has approved the purchase of two (2) new Ferris ISX2200 Zero turn Mowers, AND

WHEREAS, CNY Farm Supply is offering the two mowers with Buyboard Contract # 611-20 at a discount of 17%, AND

WHEREAS, the Highway Superintendent has recommended the purchase of two (2) Ferris ISX2200 Zero turn Mowers with 28 hp Briggs Motor, oil guard system, 61" ICD HD deck, Patented Independent Suspension and Suspension Seats as follows:

<u>VENDOR</u>	<u>QUOTE FOR EACH</u>
CNY Farm Supply	\$10,789.17
3865 US RT 11	
Cortland, NY 13045	

, AND

WHEREAS, there will be a onetime CNY setup and delivery charge for both for \$500.00, AND

WHEREAS, the mowers are in stock and available for purchase for a total cost of \$22,078.34,

Minutes Acceptance: Minutes of Mar 8, 2022 11:00 AM (MINUTES)

AND

WHEREAS, the monies for said purchase are budgeted in the Road Machinery Account # E51305.52030, NOW THEREFORE BE IT

RESOLVED, that the Cortland County Treasurer be and is hereby authorized and directed to make payment from Account E51305.52030, Highway Equipment for the purchase of two (2) new Zero turn Mowers from CNY Farm Supply in the amount of \$22,078.34.

AGENDA ITEM NO. 6 – Approve Purchase of a Wheel Loader - Highway Department

RESULT:	APPROVED [UNANIMOUS]
	Next: 3/15/2022 10:00 AM
MOVER:	Linda Jones, Committee Member
SECONDER:	George Wagner, Committee Member
AYES:	Wagner, Jones, Newell, Van Dee, Bischoff, Nauseef
EXCUSED:	Eugene Waldbauer

ON MOTION OF NEWELL

RESOLUTION NO.

Approve Purchase of a Wheel Loader - Highway Department

WHEREAS, the Highway Committee has approved the purchase of a Caterpillar 950GC Wheel Loader, AND

WHEREAS, the Wheel Loader may be purchased through Milton Cat, 55 Industrial Park Drive, Binghamton, NY using the NYS OGS/NJPA Contract # PC69406 pricing, AND

WHEREAS, the Highway Superintendent recommends the purchase of one (1) Caterpillar 950 GC Wheel Loader as follows:

<u>VENDOR</u>	<u>QUOTE</u>
Milton Cat	\$215,610.00
55 Industrial Park Drive	
Binghamton, NY	

, AND

WHEREAS, the monies for said purchase are budgeted in the 2022 Road Machinery Account # E51305.52030, NOW THEREFORE BE IT

RESOLVED, that the Cortland County Treasurer be and is hereby authorized and directed to make payment from Account E51305.52030, Highway Equipment for the purchase of one new Caterpillar 950 GC from Milton Cat.

AGENDA ITEM NO. 7 – Extend Bids/Award Agreements Various Materials, Supplies and Services - Highway Department

Minutes Acceptance: Minutes of Mar 8, 2022 11:00 AM (MINUTES)

RESULT:	APPROVED [UNANIMOUS]
	Next: 3/15/2022 10:00 AM
MOVER:	Ronald J. Van Dee, Committee Vice Chair
SECONDER:	Cathy Bischoff, Committee Member
AYES:	Wagner, Jones, Newell, Van Dee, Bischoff, Nauseef
EXCUSED:	Eugene Waldbauer

ON MOTION OF NEWELL**RESOLUTION NO.****Extend Bids/Award Agreements Various Materials, Supplies and Services - Highway Department**

WHEREAS, the Highway Department advertised, received and opened bids for various materials, supplies and services used by the Highway Department in 2019, 2020 and 2021, with an option to extend existing bids for up to three years, AND

WHEREAS, the costs for said various supplies, materials and services have been appropriated in the 2022 Budget, NOW THEREFORE BE IT

RESOLVED, that in accordance with the recommendations of the Highway Committee, the County will extend the existing 2019, 2020 and 2021 bid pricing to 2022 from the current respective low bidder as follows:

100 LL AVIATION GASOLINE AND JET-A FUEL from Ascent Aviation Group, Inc., One Mill Street, Parish, NY 13131.

LIQUID BITUMINOUS MATERIALS from Suit Kote, 1911 Loring Crossing Road, Cortland, NY 13045 with an agreed upon 5% increase.

RECYCLED ASPHALT from Suit Kote, 1911 Loring Crossing Road, Cortland, NY 13045 with an agreed upon 5% increase.

, AND BE IT FURTHER

RESOLVED, that the Cortland County Administrator, upon review and approval as to form by the County Attorney or designee and subject to appropriation of funding by the Legislature, is hereby authorized to execute any agreements associated with said extension.

AGENDA ITEM NO. 8 – Accept NY State Aviation Capital Grant for 100 LL AvGas Fuel Farm Relocation and Construction - Cortland County Airport/Highway Department

RESULT:	APPROVED [UNANIMOUS]
	Next: 3/15/2022 10:00 AM
MOVER:	Linda Jones, Committee Member
SECONDER:	Joseph Nauseef, Committee Member
AYES:	Wagner, Jones, Newell, Van Dee, Bischoff, Nauseef
EXCUSED:	Eugene Waldbauer

ON MOTION OF NEWELL**RESOLUTION NO.****Accept NY State Aviation Capital Grant for 100 LL AvGas Fuel Farm Relocation and Construction - Cortland County Airport/Highway Department**

WHEREAS, the County has been offered a NYSDOT Aviation Capital Grant to relocate and construct a new 100 LL AvGAS Fuel Farm at the Cortland County Airport, General Levi R. Chase Field,

AND

WHEREAS, the Cortland County Highway Department has completed the New York State Environmental Quality Review (SEQR) process for the project and recommends that the project to relocate and construct a new 100 LL AvGas Fuel Farm at the Cortland County Airport will not result in any large and important impacts and, therefore is one which will not have a significant impact on the environment, AND

WHEREAS, the Cortland County Legislature hereby finds that the project to relocate and construct a new 100 LL AvGas Facility at Cortland County Airport will not result in any significant impacts on the environment, and therefore makes a Negative Declaration under SEQR, AND

WHEREAS, the total cost of the project is \$1,239,905, of which the State of New York grant share would be \$1,103,515.00, and the local participation share required by said grant would be in the amount of \$136,390.00, to be included as part of the Airport Capital Budget, AND

WHEREAS, the County desires to design said project during the 2022 fiscal year, accept said grant monies for the project, and expend said required local participation share, NOW THEREFORE BE IT

RESOLVED, that the Cortland County Legislature hereby authorizes and approves the project to design, relocate and construct a new 100 LL AvGas Fuel Farm at the Cortland County Airport, General Levi R. Chase Field at a cost not to exceed \$1,239,905.00, AND BE IT FURTHER

RESOLVED, that the County agrees to fund the entire project amount, not to exceed \$1,239,905, in the first instance, AND BE IT FURTHER

RESOLVED, that the Cortland County Legislature hereby accepts the NYSDOT Aviation Grant for the amount of \$1,103,515.00, AND BE IT FURTHER

RESOLVED that County Administrator, upon review and approval as to form by the County Attorney or designee, is hereby authorized to sign the NYS Aviation Capital Grant Agreement to relocate and construct a new 100LLAvGas Fuel Farm at the Cortland County Airport, General Levi R. Chase Field.

Minutes Acceptance: Minutes of Mar 8, 2022 11:00 AM (MINUTES)

DISCUSSION/REPORTS

1. Highway Department Activities Report-March 2022

RESULT:	COMPLETED
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2. Highway Department March Budget Reports

RESULT:	COMPLETED
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3. March Activities Report

RESULT:	COMPLETED
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4. Monthly Totals

RESULT:	COMPLETED
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5. Landfill Monthly Budget Report

RESULT:	COMPLETED
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EXECUTIVE SESSION

It was MOVED by Ms. Bischoff, seconded by Mr. Wagner, and unanimously APPROVED by voice vote of members present, to enter into an executive session to discuss information relating to current or future investigation or prosecution of a criminal offense which would imperil effective law enforcement if disclosed. MOTION CARRIED.

An executive session was held from 12:02 p.m. to 12:16 p.m., at which time on motion of Ms. Bischoff, seconded by Mr. Wagner, and unanimously approved to exit executive session.

ADJOURNMENT

The meeting was closed at 12:18 PM

Barton & Loguidice

To: Mr. Charlie Sudbrink
Cortland County Highway Department

Date: March 23, 2022

From: Jillian Blake, P.E., LEED AP
Senior Managing Engineer

File: 331.154.001

Subj: Cortland County Westside Landfill Gas Generation Analysis and Carbon Credit Potential

As requested, Barton & Loguidice, D.P.C. (B&L), is providing a preliminary analysis of estimated landfill gas generation at the Cortland County Landfill. The County is assessing the economics of installing an active landfill gas collection and control system (GCCS) at the landfill to collect landfill gas (LFG) that is currently being vented directly to the atmosphere. The installation of a GCCS would reduce the facility's fugitive odors and greenhouse gas emissions by the collection and destruction of methane. Methane is a known greenhouse gas that is approximately 25 times more potent than carbon dioxide.

As a result of the overall positive environmental impact from the voluntary reduction of greenhouse gases, the project may be eligible to be partially funded by the sale of carbon credits through various public and private trading programs. Landfill carbon credits are based on the mass of methane voluntarily collected and destroyed, in lieu of venting to the atmosphere.

The following is a preliminary technical analysis of the current and future LFG generation at the site and corresponding carbon credit potentials. Also included is a general preliminary cost estimate for the installation of a GCCS at the facility for use in the County's county cost-benefit analysis.

Landfill Gas Generation EstimatesWest Side Landfill

The LFG generation estimate for the West Side Landfill is based on actual putrescible or degradable waste-in-place quantities through the year 2021 as provided by the County. Future waste placement quantities are based on the historical three-year average of incoming waste, or 35,558 tons per year. This volume is estimated beginning in 2022 through 2042. For the purpose of this analysis, 2042 is estimated as the last year of waste placement at the facility. It should be noted that if the annual tonnage or composition of the future waste changes these future generation estimates can change significantly.

Landfill gas production was estimated with the use of the computerized Landfill Gas Emissions Model (LandGEM), USEPA Version 3.03, June 2020. The program estimates emissions for various LFG constituents based on input parameters including: the mass of waste in place at the landfill (or the annual acceptance rate), the type of waste in the landfill, the landfill design life, the methane generation constant (k), the methane generation potential (Lo), the concentration of NMOCs as hexane, the volumetric percent of LFG that is methane and the volumetric percent of LFG that is carbon dioxide. The model was utilized to predict LFG generation based on the currently listed regulatory constants specifically listed in 40 CFR Part 98, Subpart HH, Table HH-1.

Memo To: Mr. Charlie Sudbrink
 Cortland County Highway Department
 March, 23 2022
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The LandGEM model was configured to the site specific conditions at your facility based on historical tonnage and utilized projected future tonnage as discussed above. In addition, the model was configured with a LFG composition of 50 percent methane and 50 percent carbon dioxide. Different waste materials produce landfill gas at different rates, meaning separate input parameters were considered to account for this variability, yielding a composite methane generation from the waste mass as a whole. The input parameters for each material accepted at the facility can be seen below. The following is a summary of the input parameters used in the LFG modeling for each material type:

MSW: $L_0 = 155 \text{ m}^3/\text{Mg}$; $k = .057 \text{ /year}$
 C&D: $L_0 = 40 \text{ m}^3/\text{Mg}$; $k = .04 \text{ /year}$
 Sludge: $L_0 = 25 \text{ m}^3/\text{Mg}$; $k = .04 \text{ /year}$
 Historical*: $L_0 = 100 \text{ m}^3/\text{Mg}$; $k = .057 \text{ /year}$

The resulting estimated LFG generation data is presented in tabular format as the attached Table 1. It is currently estimated that the peak LFG generated from the West Side landfill will be approximately 464 standard cubic feet per minute (SCFM) and will occur the year following closure, 2043. The total collected LFG is estimated to be 80% based on cover types and collection infrastructure, or 371 SCFM.

Landfill gas generation can vary greatly depending on the actual waste receipts and environmental conditions at the landfill over time. Therefore, LFG generation modeling needs to be revised routinely to determine if changes need to be made to calibrate the model to site specific conditions.

Pine Tree and Towslee Landfills

Waste receipts provided by the County for the Towslee and Pine Tree Landfills were not complete, and therefore LFG modeling was not conducted. Due to the age of the two closed landfills, the anticipated gas generation could be assumed to be negligible in the total gas collection quantity. As such, no collection infrastructure is proposed for these areas.

Carbon Credit Potential

The Cortland County Landfill site may be eligible to become a carbon credit provider through the voluntary destruction of LFG with the installation of an active gas collection system and flaring station. As methane is collected and destroyed through the flare, the net carbon emissions from the landfill are voluntarily reduced. This may allow the facility to meter methane destruction for the sale of carbon credits on various registries. The following is a summary of the carbon credit potential for the site.

The quantity of potential carbon credits is based on the amount of methane gas collected and combusted through the facility's control device, typically a flare. For the purposes of this assessment, the projected future LFG volumes were used as an estimate in the calculation of carbon credits. It should be noted that combustion through passive devices such as the site's current solar spark flares would reduce the carbon credit potential of the LFG generated. As such, it was assumed that these devices would be decommissioned during the installation of the active GCCS to maximum carbon credit potential.

Memo To: Mr. Charlie Sudbrink
 Cortland County Highway Department
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Carbon Credit Revenue Potential

Landfill gas carbon credits were calculated by converting the estimated amount of methane combusted by volume to weight. The weight of methane combusted is then multiplied by a global warming potential (GWP) factor to convert the amount of methane to an equivalent amount of CO₂ destroyed. Carbon credits are issued for methane collected and combusted based on this rate of metric tons of CO₂ per metric ton of methane. The carbon credit calculation and potential eligible credit amounts are presented in Table 2. The calculation methodology and default values are based on the Climate Action Reserve (CAR) landfill project protocol. Revenue estimates listed in Table 2 are based on carbon credit trading values, sold as per metric ton of CO₂ equivalents (tCO₂e). The CAR operates one of the existing public trading markets for greenhouse gas emission reductions.

Current market value estimates for the price of carbon credits is approximately \$5.00 per tCO₂e. Table 2 provides a value of potential revenue over the remaining site life duration based on these existing known trading value. Please note that revenue is generally assessed over 10 year crediting periods, which to date have been renewable for additional crediting periods beyond the initial 10 years. This estimate does not include typical costs associated with the sale of carbon credits such as O&M costs, credit registry fees, engineering/financial services fees and project and credit verification fees. These costs can typically range from approximately \$20,000 - \$40,000 per year and are relatively fixed, regardless of the project size or scale. A minor portion of these fees are paid as a commission, they will vary depending on carbon credit sales prices.

There is a high level of uncertainty in predicting the long term future revenue from the sale of carbon credits and the revenues are not guaranteed. The revenue potential shown in Table 2 is based on best available market information currently. A more detailed cost analysis with a dedicated financial planner to further assess gas production and carbon credit revenue is recommended, if the County decides to further investigate negotiating a potential sale of credits.

Landfill Gas Collection and Control System

A typical active landfill gas collection and control system consists of vertical extraction wells, collection piping, a condensate handling device, and a blower system with a continuous operation candlestick type flare for combustion of the landfill gas. Estimated construction costs for the installation of a new active system (including 11 deep vertical LFG extraction wells, 52 additional wellheads for existing gas vents, landfill gas HDPE header and lateral piping, blower skid, flare, flow metering devices, condensate holding tank and minor electrical construction) total approximately \$1.7 million at current market prices. Engineering design, permitting, legal services and construction oversight and NYSDEC certification is estimated at 15 percent of construction costs and is included in this total.

Assessment Results Summary

Results from this initial assessment indicate that there is the potential for carbon credit sales revenue to offset a portion of the costs associated with the installation of a GCCS. Currently, it is estimated that potential profits from the sale of carbon credits may pay for a portion of the GCCS installation over the operational period of approximately fifteen years. This is longer than the standard carbon crediting period of ten years, which in the past have been able to be renewed for additional crediting periods. However, this assessment relies heavily on

Memo To: Mr. Charlie Sudbrink
Cortland County Highway Department
March, 23 2022
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the variable market for carbon credits, which could change significantly over this time period. Regardless of the payback period, the sale of carbon credits would likely assist the County offset a portion of the costs to install the GCCS system for odor control.

If you have any questions, please do not hesitate to contact us.

TSC/jms

Attachments: Table 1 Landfill Gas Generation
Table 2 Estimated Potential Landfill Gas Carbon Credits

Table 1
Landfill Gas Generation

Table 1
Cortland County West Side Landfill
Estimated Landfill Gas Generation and Collection

Year	Westside Landfill Estimated LFG Generation (SCFM)	Westside Landfill Estimated LFG Collection (80% Efficiency) (SCFM)
2021	291	233
2022	305	244
2023	318	254
2024	330	264
2025	341	273
2026	351	281
2027	361	289
2028	371	297
2029	380	304
2030	388	311
2031	396	317
2032	404	323
2033	411	329
2034	418	334
2035	424	339
2036	430	344
2037	436	349
2038	441	353
2039	446	357
2040	451	361
2041	456	365
2042	460	368
2043	464	371

- 1) Landfill gas generation estimate is based on actual and projected future waste acceptance rates.
2) Landfill gas collection estimate is based on the installation of an active landfill gas collection system, with an assumed 80% collection efficiency.

Table 2
Estimated Potential Landfill Gas Carbon Credits

Table 2
Cortland County Westside Landfill
Estimated Potential Landfill Gas Carbon Credits

Inputs/Conversion Factors:	
50%	LFG Methane Concentration
25	Global Warming Potential of Methane
99%	Control Device Destruction Efficiency of Methane
1.89E-05	Density of Methane Gas (Mg/scf)
80%	GCCS Collection Efficiency

Year	Westside Landfill LFG Collection scf/yr	Methane Collection (50%) scf/yr	Methane Oxidation Rate (10%) scf/yr	Methane Destruction metric ton/yr	Potential Eligible GHG Credits tCO ₂ e/yr	Potential Sale Income (\$/yr) \$5.00/tCO ₂ e	Net Revenue (High Estimate) \$20k/year Fees	Net Revenue (Low Estimate) \$40k/year Fees
2022	128,425,557	64,212,779	57,791,501	1,081	27,027	\$135,136	\$115,136	\$95,136
2023	133,674,505	66,837,252	60,153,527	1,125	28,132	\$140,660	\$120,660	\$100,660
2024	138,638,064	69,319,032	62,387,129	1,167	29,177	\$145,883	\$125,883	\$105,883
2025	143,331,834	71,665,917	64,499,325	1,207	30,164	\$150,822	\$130,822	\$110,822
2026	147,770,558	73,885,279	66,496,751	1,244	31,098	\$155,492	\$135,492	\$115,492
2027	151,968,170	75,984,085	68,385,677	1,279	31,982	\$159,909	\$139,909	\$119,909
2028	155,937,841	77,968,920	70,172,028	1,313	32,817	\$164,086	\$144,086	\$124,086
2029	159,692,017	79,846,008	71,861,408	1,344	33,607	\$168,037	\$148,037	\$128,037
2030	163,242,464	81,621,232	73,459,109	1,374	34,355	\$171,773	\$151,773	\$131,773
2031	166,600,303	83,300,152	74,970,136	1,402	35,061	\$175,306	\$155,306	\$135,306
2032	169,776,044	84,888,022	76,399,220	1,429	35,730	\$178,648	\$158,648	\$138,648
2033	172,779,622	86,389,811	77,750,830	1,454	36,362	\$181,808	\$161,808	\$141,808
2034	175,620,426	87,810,213	79,029,192	1,478	36,959	\$184,797	\$164,797	\$144,797
2035	178,307,332	89,153,666	80,238,300	1,501	37,525	\$187,625	\$167,625	\$147,625
2036	180,848,731	90,424,366	81,381,929	1,522	38,060	\$190,299	\$170,299	\$150,299
2037	183,252,552	91,626,276	82,463,649	1,543	38,566	\$192,828	\$172,828	\$152,828
2038	185,526,292	92,763,146	83,486,831	1,562	39,044	\$195,221	\$175,221	\$155,221
2039	187,677,035	93,838,517	84,454,666	1,580	39,497	\$197,484	\$177,484	\$157,484
2040	189,711,479	94,855,740	85,370,166	1,597	39,925	\$199,625	\$179,625	\$159,625
2041	191,635,957	95,817,978	86,236,181	1,613	40,330	\$201,650	\$181,650	\$161,650
2042	193,456,452	96,728,226	87,055,403	1,629	40,713	\$203,565	\$183,565	\$163,565
2043	195,178,623	97,589,311	87,830,380	1,643	41,076	\$205,378	\$185,378	\$165,378
TOTAL	3,693,051,859	1,846,525,929	1,661,873,336	31,088	777,206	\$3,886,031	\$3,446,031	\$3,006,031

NOTE:

- ¹ Methane concentrations based on estimated average of 50%
- ² LFG generation data based on actual and estimated future waste acceptance rates and modeling parameters from 40 CFR Part 98, Subpart HH, Table HH-1.
- ³ Assumes GCCS installed throughout entire landfill areas
- ⁴ Future putrescible waste acceptance rates estimated at 35,558 tons per year (average waste placement 2019-2021)
- ⁵ Costs associated with the sale of carbon credits not included in the estimated revenue above.
- ⁶ Potential Eligible GHG Credits are to be used for estimate purposes only

April 2022 SOLID WASTE DEPARTMENT REPORT

Landfill

Administration

- ❖ Working on alternatives for daily cover. We have switched from processed C&D to shredded auto fluff.
- ❖ Increasing random load inspections to help crack down on prohibited items.
- ❖ Preparing to limit one truck at a time in unloading area in order to reduce the size of the working face.

Operations

- **Leachate Hauling** – Continued transportation of leachate to the City’s WWTP. We have hauled 80,000 gallons from Pine Tree and 1,072,000 gallons from West Side in March.
- **Cover Material**- Approximately 317 tons of processed C&D and 573 tons of shredded auto fluff have been utilized as Alternate Operating Cover material at the landfill in February.
- **Site Maintenance** – Downsizing our working face to the smallest open area that we can. Adding additional cover material to mitigate odors. Working on cleanup of ditches and side slopes from snow melt.
- **Equipment** – Ongoing scheduled service and routine preventive maintenance.
 - Replaced hydraulic hose in 2019 CAT and 1996 CAT packers.
 - Working on 2015 F350 pick up power steering pump.
 - Replaced Brakes on 2015 Mac truck.

Recycling

- **Recyclables**- 191.75 tons of material has been collected in March.
- **Compost**- 3 tons of paper and cardboard have been separated and composted in the permitted area in March.
- **Cardboard** – 16.68 tons of cardboard has been sent to market.
- **Electronic Recycling** – Continuing collections of electronics for recycling.

Solid Waste Disposal Summary for March

	Mar.2021 TONS	Mar.2022 TONS	Difference TONS	rev 2021	rev 2022	Rev Diff
MSW	2,460	2,285	-175	\$203,887.00	\$207,034.00	\$3,147.00
C&D	59.46	100.44	40.98	\$4,798.00	\$8,990.55	\$4,192.55
Sludge	566.84	257.61	-309	\$45,347.20	\$0.00	-\$45,347.20
Auto Fluff	0	573.04	573	\$0.00	\$5,157.36	\$5,157.36
Process C&D	777.99	317	-461	\$17,115.78	\$6,975.10	-\$10,140.68
total	3,864	3,533	-331	\$271,147.98	\$228,157.01	-\$42,990.97

Attachment: Mar 2022 totals (10571 : March Solid Waste Totals)

APRIL 2022 HIGHWAY DEPARTMENT REPORT

Administration

Monthly Superintendents Meeting
Department Head Meeting

Projects

BRIDGE-NY Projects:

Loring Crossing bridge replacement– Bridge closed 6/30 2021. Pouring concrete deck the middle of April, Scheduled to be complete by Memorial Day.
Marathon-McGraw bridge replacement – Advertise for bids in early April, construction planned for 2022

Other Structure Projects:

East River Crossing bridge replacement – Preliminary design has begun

Road Projects:

Preble Road (East of 281) – shoulder stabilization complete, hot mix asphalt scheduled for spring.
Highland Road – hot mix asphalt scheduled for spring.
Page Green Road- hot mix asphalt scheduled for spring.
McGraw-Marathon Road- In place recycling, May-June.
Texas Valley Road- In place recycling, May-June.
Health Camp Road- Cold mix asphalt, June.
Penelope Road- Cold mix asphalt, June.

Staffing - Three full time positions open.

Equipment - Received two mowers, man-lift and tanker trailer. Loader has been ordered.

Road Maintenance –Cross Culvert Replacement, Pothole repairs, tree maintenance, ditching.

Salt Usage - 11,808 tons of salt used as of April 3 , 2022

Dwyer Park –Crews are continuing to work on miscellaneous projects.

Airport

T Hangar Occupancy- All hangers are occupied.

AIRFEST!- JULY 23rd