



ORANGE COUNTY SOIL & WATER CONSERVATION DISTRICT

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A G E N D A

ORANGE COUNTY SOIL AND WATER CONSERVATION DISTRICT

Monday, July 15th at 9:00 AM

In Person or Join Via Microsoft Teams

Meeting link: [Board of Director's Meeting- July 2024](#) | [Microsoft Teams](#) | [Meetup-Join](#)

1. **CALL TO ORDER**

2. Approval of June MINUTES

3. **ACTIONS TAKEN BETWEEN MEETINGS**

4. **CORRESPONDENCE**

- a) Bank Statements
- b) Collateral Agreements
- c) Region 5 Monthly SWCC Report from Ben Luskin
- d) NYSCDEA's Request for Contribution to 2024 Annual NYS Fair Booth
- e) Resolution from Orange County Legislature RE: Supplemental Appropriation to the 2024 County Budget
- f) Clear Waters Spring 2024 Edition

5. **FINANCIAL REPORTS and BILL PAYMENT APPROVAL**

6. **GRANT REPORT UPDATE**

7. **INTERAGENCY REPORTS**

- a) CCE
- b) FSA
- c) NRCS
- d) NYSS&WCC

8. **SWCD STAFF REPORTS**

9. **OLD BUSINESS**

- a) Wallkill Flood Projects
- b) Celery Avenue Ledge Lowering Project Update
- c) Floodplain Bench Phase 4 North Update
- d) AEM Round 18
- e) Wallkill Maintenance – Revision of Agreement Between County and Four Towns
- f) Roller Crimper Project Update
- g) CRF Program Updates
- h) Ag Nonpoint Source Program Updates

10. **NEW BUSINESS**

- a) Contract Between Sunflower Valley Farm and Soil & Water Contract
- b) Reviewal of Crist Brothers Orchard & Sunflower Valley Farms BMP Request and Invoices

11. **NEXT MEETING DATE**

12. **ADJOURNMENT**

BOARD OF DIRECTORS

John Wright
329 Kings Highway
Warwick, NY 10990

Paula DeBlock
133 Whitford Road
Westtown, NY 10998

Paul Ruskiewicz
255 Main Street
Goshen, NY 10924

Barry Cheney
255 Main Street
Goshen, NY 10924

George Constable
PO Box 211
Unionville, NY 10988

ORANGE COUNTY LEGISLATURE

Committees: Physical Services; Ways and Means

Sponsors: Ruszkiewicz, Paduch, Benton, Faggione

Co-Sponsors: Cheney, Ehlers, Feller, Hines, Luján, Minuta, Ramos, Sassi, Stegenga, Tautel, Tuohy, Bonelli

Agenda No. 6

RESOLUTION NO. 168 OF 2024

RESOLUTION MAKING A SUPPLEMENTAL APPROPRIATION TO THE 2024 COUNTY BUDGET FOR THE ORANGE COUNTY SOIL AND WATER CONSERVATION DISTRICT, PURSUANT TO SECTION 4.09 OF THE ORANGE COUNTY CHARTER.

WHEREAS, the Orange County Soil and Water Conservation District is requesting authorization to appropriate funds in the amount of \$150,000.00 for the Flood Plain Benching project, as the RFP came in over budget.

WHEREAS, this Legislature does wish to provide said funds to the Orange County Soil and Water Conservation District as indicated above.

NOW, THEREFORE, it is hereby

RESOLVED, that the 2024 budget for the Orange County Soil and Water Conservation District is hereby supplemented as stated above and indicated below, to be used for the Flood Plain Benching project; and it is further

RESOLVED, that the Commissioner of Finance, together with the Director of Budget, is hereby authorized to make such modifications forthwith.

Revenue:

1010	199001	410011	Real Property Taxes	(\$150,000.00)
1010	871003	410011	Real Property Taxes	\$150,000.00

Expenses:

1010	199001	579880	Provision for Contingencies	(\$150,000.00)
1010	871003	579500	Cty Contribution	\$150,000.00

ADOPTED BY THE FOLLOWING VOTE:

Ayes 19; Noes 0; Excused 1; Absent 1

(Excused: Sierra)

(Absent: Sutherland)

ORANGE COUNTY LEGISLATURE

Committee: Physical Services, Ways and Means
Sponsor: Ruffolo, Pardo, Rendon, Ropolo
Co-Sponsors: Carney, Eiler, Feller, Hines, Lujan, Miller, Ramo, Seal, Spagnoli
Title: Tudy, Tudy

Agenda No. 8

RESOLUTION NO. 162 OF 2024

RESOLUTION MAKING A SUPPLEMENTAL APPROPRIATION TO THE 2024 COUNTY BUDGET FOR THE ORANGE COUNTY SOIL AND WATER CONSERVATION DISTRICT PURSUANT TO SECTION 4-D OF THE ORANGE COUNTY CHARTER.

WHEREAS, the Orange County Soil and Water Conservation District is requesting additional to supplement funds in the amount of \$1,000,000 for the fiscal year ending 2024 as the first time in any year;

WHEREAS, the Legislature also wish to provide said funds to the Orange County Soil and Water Conservation District as indicated above;

NOW, THEREFORE, it is hereby

RESOLVED, that the 2024 budget for the Orange County Soil and Water Conservation District is hereby amended to read as follows:

APPROVED: JULY 2, 2024

STEFAN "STEVEN" M. NEUHAUS, COUNTY EXECUTIVE
162

STATE OF NEW YORK
COUNTY OF ORANGE

THIS IS TO CERTIFY THAT I, JEAN M. RAMPEN, Clerk of the County Legislature of said County of Orange, have compared the foregoing copy of resolution with the original resolution now on file in my office and which was passed by the County Legislature of said County of Orange on the 2nd day of July, 2024 and that the same is a correct and true transcript of such original resolution and the whole thereof.

IN WITNESS WHEREOF, I have hereunto set my hand and the official seal of said County Legislature this 3rd day of July 2024.

Clerk of the County Legislature of the County of Orange

Ground Vibration Criteria

➤ Annoyance

Guideline for Vibration Annoyance Criteria

Human Response	Maximum PPV (in/sec)	
	Transient Sources	Continuous/Frequent Intermittent Sources
Barely perceptible	0.04	0.01
Distinctly perceptible	0.25	0.04
Strongly perceptible	0.9	0.10
Severe	2.0	0.4

Note: Transient sources create a single isolated vibration event, such as blasting or drop balls. Continuous/frequent intermittent sources include impact pile drivers, pogo-stick compactors, crack-and-seat equipment, vibratory pile drivers, and vibratory compaction equipment

Source: Caltrans 2013

Ground Vibration Criteria

➤ Annoyance

Guideline for Vibration Damage Threshold Criteria

Structure and Condition	Maximum PPV (in/sec)	
	Transient Sources	Continuous/Frequent Intermittent Sources
Extremely fragile historic buildings, ruins, ancient monuments	0.12	0.08
Fragile buildings	0.2	0.1
Historic and some old buildings	0.5	0.25
Older residential structures	0.5	0.3
New residential structures	1.0	0.5
Modern industrial/commercial buildings	2.0	0.5

Note: Transient sources create a single isolated vibration event, such as blasting or drop balls. Continuous/frequent intermittent sources include impact pile drivers, pogo-stick compactors, crack-and-seat equipment, vibratory pile drivers, and vibratory compaction equipment.

Source: Caltrans 2013

Construction Activities that May Generate Vibration Issues

➤ Typical vibration-generating equipment

Equipment		PPV at 25 ft (in/sec)
Pile Driver (impact)	upper range	1.518
	typical	0.644
Pile Driver (sonic)	upper range	0.734
	typical	0.170
Clam shovel drop (slurry wall)		0.202
Hydromill (slurry wall)	in soil	0.008
	in rock	0.017
Vibratory Roller		0.210
Hoe Ram		0.089
Large bulldozer		0.089
Caisson drilling		0.089
Loaded trucks		0.076
Jackhammer		0.035
Small bulldozer		0.003

Source: FTA, 2006¹¹

Construction Activities that May Generate Vibration Issues

➤ Typical vibration-generating equipment



Hoe Ram



Hydromill



Vibratory
Roller



Bulldozer