



Stormwater Pollution Prevention & Illicit Discharge Detection and Elimination Roundtables

November 6, 2024

Agenda

- Welcome and Introductions
- Pollution Prevention
 - FY24 Special Project Reveal
 - FY25 Work Program Discussion
- Illicit Discharge Detection and Elimination
 - FY24/FY25 Training Discussion
 - FY25 Special Project
- Other Stormwater Updates
- Roundtable
- Next Meeting Date

Stormwater Pollution Prevention



FY24 Special Project Update

Updated Municipal Pollution Prevention BMP Posters

- Finalized shop posters posted on website as [Municipal Pollution Prevention BMP Posters](#)
 - Removed old posters and replaced with updated posters

FY24 Special Project Update

DO YOUR PART

KEEP POLLUTION OUT OF STORM DRAINS & WATERWAYS

DRAINAGE MAINTENANCE: INLETS, CATCH BASINS



Inlets & Structural Controls

- Maintain and inspect inlets and structural controls as required.



Compost & Mulch

- Use compost as a soil amendment, or shred leaves and add to flower beds as mulch.



Soil Management

- Limit soil erosion.
- For bare areas, plant vegetation.
- For landscaped areas, use mulch or matting.

Report Pollution & Illegal Dumping!



Be our eyes—look for and report signs of water pollution. Signs include odor, an oily sheen on the water's surface, colored or cloudy water, dead or dying fish, and excess trash. Dispose of hazardous materials properly. Report spills and issues to

DO YOUR PART

KEEP POLLUTION OUT OF STORM DRAINS & WATERWAYS

MATERIALS STORAGE



Instructions & Procedures

- Follow label or safety data sheet (SDS) instructions and established procedures.
- Contact supervisor with questions.



Safe Materials Storage

- Store materials away from high-traffic areas (ideally, indoor in sealed containers).
- Use original or clearly labeled replacement containers.



Containers

- Keep containers closed or sealed when not in use.
- Inspect containers regularly.
- Replace any damaged containers.



Spill-Trapping Devices

- Store materials on a spill containment base.
- Border storage areas with a curb, berm, or similar method.

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FLEET MAINTENANCE



Vehicle & Equipment Maintenance/Cleaning

- Perform maintenance and cleaning in designated areas.



Parts Cleaning

- Wash parts in designated cleaning stations.
- Make sure parts fully drain before removing them.



Leaking Vehicles

- Park leaking vehicles under cover.
- Use a drip pan or absorbents for collection.



Fueling

- Inspect fueling areas often, and clean as needed.
- Don't top off the fuel tank!
- Know the locations of the emergency shut-off button and spill kit.

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FLEET MAINTENANCE



Spills

- Clean up spills immediately.
- Use a drip pan or absorbents for collection.
- Place spent absorbents into appropriately labeled disposal containers.



Cleaning Outside Work Areas

- Clean regularly. Take extra precaution if rain is forecast.
- Use dry methods such as sweeping – don't hose down the work area.
- Make sure that trash receptacles are emptied needed.



Cleaning Shop

- Use dry methods for cleaning when possible.
- Dispose of mop water properly. It should go into the sanitary sewer system. Promptly dispose of waste.



Used Fluid, Filter, & Battery Disposal

- Store items under cover or in secondary containment.
- Store used fluids in labeled containers.
- Recycle or properly dispose of used fluids, hydraulic filters, and batteries.

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PARKS & GROUND MAINTENANCE: CHEMICALS

AGMAX INDUSTRIES LTD
Cityscape 500
SAFETY DATA SHEET

Section 1: Product and Company Information

Product Name: Agmax Cityscape 500
Company Name: Cityscape 500

Section 2: Hazardous Ingredients

Contains: 0% of most acute and general poisons and irritants of toxic substances.

Formulation: 0% of most acute and general poisons and irritants of toxic substances.

Use: 0% of most acute and general poisons and irritants of toxic substances.

Emergency Number: 888-243-6222 (24 hours)





Instructions & Procedures

- Follow label or safety data sheet (SDS) instructions and established procedures related to chemical use, safety, storage, and disposal.
- Contact supervisors with questions.

Choosing the Right Product

- Use nontoxic products when possible.
- Use chemicals only as needed.
- Select the appropriate product for the problem.

Mixing & Applying Chemicals

- Mix chemicals at a proper location (such as on pavement away from storm drains).
- Mix only the amount required.
- Only apply if weather permits (no rain forecast, not windy).
- Avoid sensitive areas such as waterbodies or inlets.
- Apply only where needed.
- Avoid overspray.

Leaks & Spills

- Regularly inspect vehicles and application equipment for leaks. Make sure to check hoses and seals.
- Clean up spills immediately.
- Use a drip pan or absorbents for collection.
- Sweep up dry material.

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PARKS & GROUND MAINTENANCE: SOIL & DEBRIS MANAGEMENT







Clippings & Trimmings

- Mow grass as high as possible. Leave clippings on the lawn, out of roadways.
- Sweep or blow clippings and trimmings onto the grass or compost them.

Storm Drain Inlets

- Remove litter and debris from inlets.
- Gather clippings and other debris, and dispose of them properly, not down the storm drain.





Compost & Mulch



- Use compost as a soil amendment, or shred leaves and add to flower beds as mulch.

Soil Management

- Limit soil erosion.
- For bare areas, plant vegetation.
- For landscaped areas, use mulch or matting.

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SOIL & EROSION CONTROL




Recovered Soil

- Soil may be used on site as fill or stockpiled for another land application.




Stockpiles

- Locate stockpiles out of the street and away from flowing water or runoff.
- Capture sediment using appropriate methods.
- Cover soil and sand stockpiles to prevent erosion.



Exposed Soil

- Apply perennial grass seed to prevent erosion.
- Protect channels by using turf reinforcement mats until vegetation is established.




Erosion & Sediment Control

- Use erosion control methods such as erosion control blankets, vegetation, or mulching.
- Use sediment control methods such as mulch berms or silt fence.

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DO YOUR PART


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SOLID WASTE OPERATIONS: TRASH COLLECTION




Liquid & Hazardous Waste

- Do not pick up liquid waste, such as automotive fluids, paint, cooling liquids, and cooking oil.
- Do not pick up household hazardous waste, flammables, toxic waste, or explosives, such as fireworks and ammunition.
- Notify residents about household hazardous waste collection opportunities.



Litter Awareness

- Notify residents of persistent problems with scattered trash.
- Watch the area around the hopper and avoid leaving litter behind. Pick up any trash that falls from the truck during compaction.
- Cover open-topped trucks or roll-off containers with tarps.
- Cover dumpsters and make sure drain plugs are not leaking.




Spills

- Carry spill kits on collection trucks and service vehicles. Kits should include brooms, shovels, absorbents, pop-up pools, gloves, etc.
- Clean up spills immediately.
- Do not wash down a stormdrain.

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SOLID WASTE VEHICLE OPERATION




Leaks & Spills

- Check vehicle frequently for leaking fluids. Notify supervisor of leaks.
- If a leak occurs, take steps to stop the leak if possible. Contain the leak using absorbents.
- Immediately clean up spills.




Malfunctioning Equipment

- Report any malfunctioning equipment to supervisors.



Washing Vehicles

- Wash vehicles in bays where wash water either drains to the sanitary sewer system or is collected and recycled.





Hopper Drain

- Make sure that hopper drain plugs are always sealed during collection.

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SPILLS

SDS Safety Data Sheet 

Revision: 06/22

CETAMINE F 365

IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER


Product Name:	CETAMINE F 365
Product Use:	Construction additive for water systems
Manufacturer:	North America, Inc.
Address:	38501 Stone Lane, Suite B 204, Houston, Texas 77058
Contact:	Operational Group
Phone:	281-296-3300
Fax:	281-296-3300
Emergency Telephone:	1-800-424-0000 1-800-424-0002

HAZARD IDENTIFICATION

Classification: Corrosive liquid; Hazardous mixture


Instructions & Procedures

- Follow cleanup instructions specified on the label or safety data sheet (SDS) and established procedures.
- Contact supervisors with questions.




Containment

- Isolate and stop the leak if possible.
- Collect liquid spills with a drip pan or absorbents.
- Protect inlets if spills may enter a storm drain.
- Cover a powder spill with plastic sheeting to keep it from spreading.



Cleanup

- For liquid spills: Use absorbents.
- For all spills: Don't hose down the spill.
- Notify proper personnel to clean up hazardous spills.





Disposal

- If spilled dry material is usable, put it in the original or properly marked container.
- Otherwise, follow proper disposal procedures.

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STREET MAINTENANCE: CLEANUP



Trucks, Equipment, & Tools

- Clean trucks, equipment, and tools in designated wash facilities.



Cleaning Equipment Outdoors

- When wash facilities are not available, clean equipment over catch trays or absorbents spread on an impervious surface.



Absorbent Cleanup

- Promptly sweep up spent absorbents and dispose of them according to established procedures.

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STREET MAINTENANCE: PAVEMENT REPAIR



Saw-Cutting Operations

- Vacuum slurry and cuttings while working.
- Dispose of slurry according to established procedures.
- Avoid dry cutting when possible and monitor wind conditions. Dust must be contained when dry cutting.



Asphalt Stockpiles

- Locate stockpiles on a paved surface.
- Cover the stockpiles to prevent contact with rain.



Stormwater Protection

- Protect inlets while working.
- Use appropriate erosion and sediment control methods.
- Inspect control methods as needed.



Asphalt Patching

- Mix only the necessary amount.
- Use biodegradable products rather than diesel.
- Sweep up and properly dispose of all spent material.

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WATER MAIN REPAIR / DEWATERING




Stormwater Protection

- Use appropriate erosion and sediment control methods.
- Protect inlets while dewatering for sediment removal.




Dechlorination

- Potable water releases must be dechlorinated.



Cleanup

- At the end of the discharge event, dechlorination agents must be removed.
- Clean up sediment from the street and inlet protection.
- Use a street sweeper if needed.
- Do not wash sediments down the storm drain.




Reporting

- Report spills, accidental discharges, and fish kills to supervisors immediately.
- Supervisors will report appropriate spills to TCEQ within 24 hours and will report fish kills to TCEQ and TPWD immediately.

Report Pollution & Illegal Dumping!

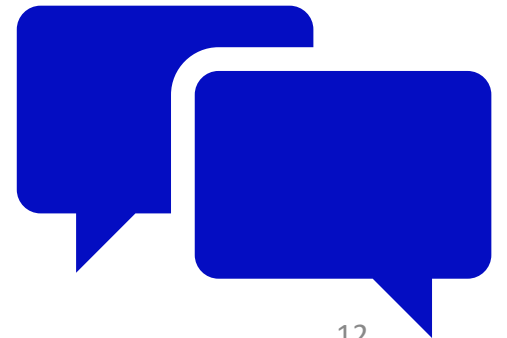
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FY25 Work Program Discussion

Feedback on Selection of FY25 Training Opportunity:

- BMP Show and Tell
 - 3 volunteers needed
 - 15–20-minute presentations
 - BMP(s) of your choice
- Mock Inspection & Site Tour
 - Volunteer community needed
- Other?
- Selection with consensus of members



FY25 Work Program Discussion

FY25 Special Project: Continuation of BMP Poster template refresh with **updated photos**

- Seeking photos from members or availability to come on site and take pictures
- Will send out follow-up survey to collect feedback on which photos to update
- Send pictures to Crysta Guzman, cguzman@nctcog.org

Illicit Discharge Detection and Elimination



Illicit Discharge Detection and Elimination FY24 Training Discussion

Dry Weather Screening Workshop

- Held on October 14, 2024, at City of Denton Twin Lakes Rec Center
- 32 registered attendees from RSWMCC Member Communities
- Agenda Covered:
 - Dry Weather Screening Protocols – City of Denton
 - Mock sampling using sonde method
 - Stormwater/Pre-treatment presentations – City of Denton
 - Case Studies
 - City of Plano – SSO Response
 - City of Frisco – Stormwater Drone

Illicit Discharge Detection and Elimination FY24 Training Discussion



Illicit Discharge Detection and Elimination FY24 Training Discussion



Illicit Discharge Detection and Elimination FY25 Training Discussion

Dry Weather Screening Workshop

- With recent training in Oct. 2024, would we like to look at Fall 2025?
- Training topic recommendations? Focus areas and volunteers?

Illicit Discharge Detection and Elimination FY25 Special Project

Yard Waste Educational Door Hangar Template

- Emphasizing visuals/social media inserts
- Contact information section for inspector contact information
- Space for QR Codes
- NCTCOG will develop draft template for the next meeting

Other Stormwater Updates

- NCTCOG staff is coordinating with TCEQ on the continuation of the program into a new monitoring term.
- NCTCOG submitted the new term proposal in January 2024 and comments are expected from TCEQ in November. The term is anticipated to begin in February 2025.
- NCTCOG is preparing the release of a procurement package to solicit a consultant for the upcoming monitoring term.

News

- EPA virtual [Pesticide Program Dialogue Committee](#) (PPDC)
 - Upcoming meeting: [November 13-14, 2024](#)
- Holiday Grease Roundup Begins November 18th. Check [online](#) for local drop-off locations.

Events

- Stormwater Pollution Prevention Practices During Construction for **Plan Reviewers** ([Nov. 12](#)) and **Field Inspectors** ([Nov. 13](#)), NCTCOG Offices
- [Texas Riparian & Stream Ecosystem Workshop](#) – Richland-Chambers Watershed, November 13
- [North Texas Regional Water Conservation Symposium](#), November 14, 2024, Coppell
- Central Texas Stormwater Coalition – [Texas Regional Stormwater Conference](#), January 16, 2025, New Braunfels, Texas
- Save-the-Date: [2025 Urban Riparian Symposium](#), February 19-21, 2025, Waco
- [2025 Texas Water Conference](#), March 18-21, 2025, Houston

TCEQ Stormwater Events/Resources

Free TCEQ Phase II Municipal Separate Storm Sewer System (MS4) Renewal Webinar

Webinar:

- Date: Tuesday, November 12th
- Time: 1:00 – 5:00 pm
- Via: Microsoft Teams Live
- Registration Link: [MS4 Webinar Registration Form](#)

Other TCEQ Resources:

- [Stormwater Management Program Template](#) for Phase II - Level 1 and 2 MS4s
- Recording: [Texas Net MS4 Training](#) by EPA
- Additional Information: [Assistance Tools for Municipal Separate Storm Sewer Systems \(MS4s\)](#)



Join the new North Central Texas Reuse Marketplace

Post surplus workplace assets – think furniture, fixtures, equipment, machinery, and building materials – to sell or donate to other organizations in your area!

- ✓ Partnership between NCTCOG and Rheaply
- ✓ Creating a community for businesses to buy and sell locally, redirecting valuable resources away from the landfill
- ✓ Turn waste into revenue, reduce your business's carbon footprint!

For more information, contact E&D Planner, Alexa Gilbert (agilbert@nctcog.org).

This project was funded in cooperation with the North Central Texas Council of Governments and the Texas Commission on Environmental Quality.

Roundtable Discussion

NOW, IT'S YOUR TURN...



Upcoming Meetings

P2/IDDE
Meeting



Time: 10:00 am

**Location:
NCTCOG Offices**

PETF Meeting



Time: 9:30 am

Location: TBD

Important Date To Remember

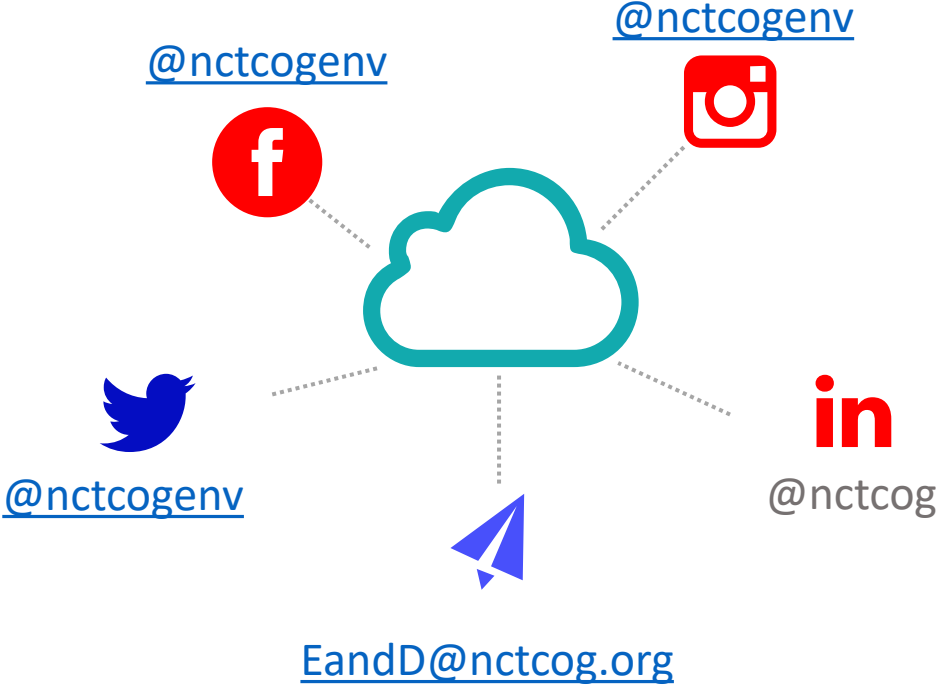
Next Meeting: RSWMCC



Time: 9:30am

Location: NCTCOG Office

Connect With NCTCOG!



Stormwater Staff

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