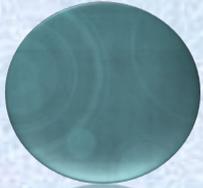




**Genesee County
Municipal and School
Facilities**



**STORMWATER
POLLUTION
PREVENTION**

MS4



Contracts

A GOOD CONTRACT WILL?

- Define the scope of work well
- Define the impacts from work
 - Specifically, stormwater impacts
- Identify potential environmental impacts
- Include proper control techniques
- Clarify both parties' expectation and ensure they are reasonable



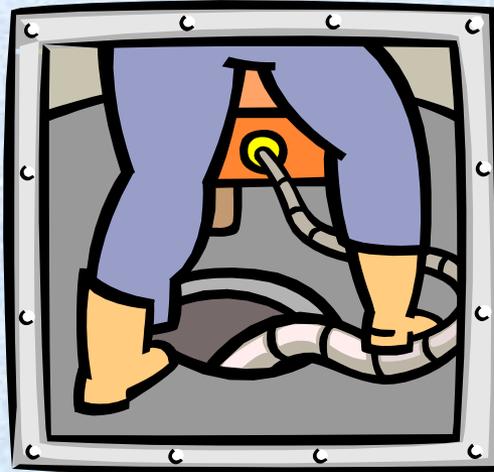
The Basics

- **Specify contactors must receive stormwater GHK training. (NPDES Phase II req.)**
- **Specify contractors maintain records for key measures (pounds of debris removed from catch basins, amount of fertilizer applied, number of times streets were swept, etc.)**
- **Provide you with copy.**



WASTE DOES NOT END AT YOUR PROPERTY BOUNDARY!

- Any waste generated on your property or through activities done as part of your operation, must be disposed of properly.
- Contract needs to address what is proper disposal and how it will be carried out.



QUESTIONS TO ASK YOURSELF... OR YOUR CONTRACTOR

Mowing or landscaping:

- Are leaves, woody debris, or grass picked up or left on site (mulched in place)?
- If removed from site, where do they go?



Parking lot sweeping:

- How much debris is collected?
- Is it being disposed of pursuant to the EPA guidance?
http://www.gcdcswm.com/Phasell/Permit_Forms/Permit_Form.htm



Questions Continued ...

Disturbing Ground:

- Is a soil erosion permit needed?
- Do you have an acceptable soil erosion and sedimentation control plan?



Cleaning out storm water infrastructure:

- Are the catch basin sumps being cleaned out to the MDNRE guidance?
- The spoils coming out of the sediment basin, detention basin being placed where they cannot be washed away or have nutrients/ heavy metals being washed back into the storm system?

Questions Continued ...

Vehicle Maintenance/ Fueling:

- Is vehicle maintenance done onsite or offsite?
- How are vehicle waste products, specifically liquid waste, being handled and disposed of?
- If a spill occurs because a contractor is picking up, delivering or transporting waste products or fuel, who is responsible, and do they have a cleanup procedure in place?



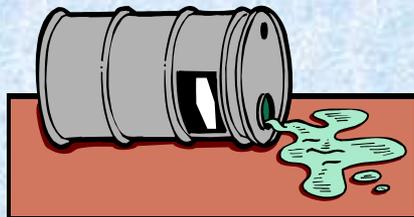
Paving:

- Do you have a designated area for your concrete trucks to wash off?

ACTIVITIES TO ADDRESS IN CONTRACT

Does the contract:

- Add BMP(s) to storm drains at risk of receiving polluted water due to an activity if needed?
- Have a sedimentation & erosion control plan?
- Identify proper disposal of waste products?
- Identify who is responsible for a spill cleanup?
- Identify documentation necessary for payment?
- Identify limits of application, such as where it will be applied or weather conditions?



CONTRACTS CAN TAKE MANY FORMS

➤ You don't always have a formal contract with Bid documents, specifications and plans. You may only have a request for proposal (RFP) or even maybe a verbal understanding.

➤ No matter what you have it should be in writing for both the owner's and the contractor's protection. Details and irregularities should be spelled out in the prints or in the scope that would be part of the RFP.



SOME CONTRACT LANGUAGE

- *Prior to the start of construction, the contractor shall furnish material certifications to (owner) verifying that all materials used on the project are in accordance with (owner) standards.*
- *The contractor will protect the storm sewer system from pollutants as outlined in the SESC plan.*
- *Implementation of temporary soil erosion measures not on the prints may be required in the field. Cost inclusive to SESC pay item.*

CONTRACT LANGUAGE CONTINUED

➤ ***Periodic maintenance of soil erosion control measures may be necessary and are cost inclusive to SESC pay item.***

➤ ***GCDC has a 13 page specification in our bid documents on Turf Establishment that includes:***

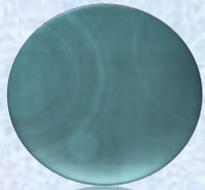
- ***Materials, including seed mix, allowable mulch and fertilizer application***
- ***Application rates***
- ***Time of year it can be applied or reapplied***
- ***Germination rates necessary for payment***

http://www.gcdcswm.com/Design%20Information/design_information.htm

CONTRACT LANGUAGE CONTINUED

- ***A disposal plan for street sweeping will be provided by contractor prior to beginning of work. Plan will include collection method, storage and disposal location subject to owner approval.***
- ***Disposal tickets will be made available to owner prior to payment.***
- ***Snow or fertilizer storage will be restricted to areas designated on attached map.***
- ***Contractor will provide cleanup procedures for spills prior to beginning work.***

End of Slideshow



STORMWATER POLLUTION PREVENTION

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Contracts