

**Managing Petroleum Contaminated Soil  
at Public Works Projects  
Guidance Document 5-01**

Laurie Kania

**Petroleum Remediation Program  
Consultants Day  
September 25, 2008**



Minnesota  
Pollution  
Control  
Agency

# WHY GUIDANCE DOCUMENT 5-01?

Provides a mechanism—Request to Take Corrective Actions—by which the public sector will be eligible for Petrofund reimbursement (pursuant to Minn. Stat. §115C.09, subd.3a.) in the event petroleum-contaminated soil is encountered during a public works project.



# WHAT's the PROCESS?

## Implementing GD 5-01

1. Does the client and project meet the definition of Project Sponsor and Public Works Project?

### Project Sponsor

- State or agency of the state
- Local Units of Government
- Sanitary Districts
- Universities
- Public Works Owners



### Public Works Project

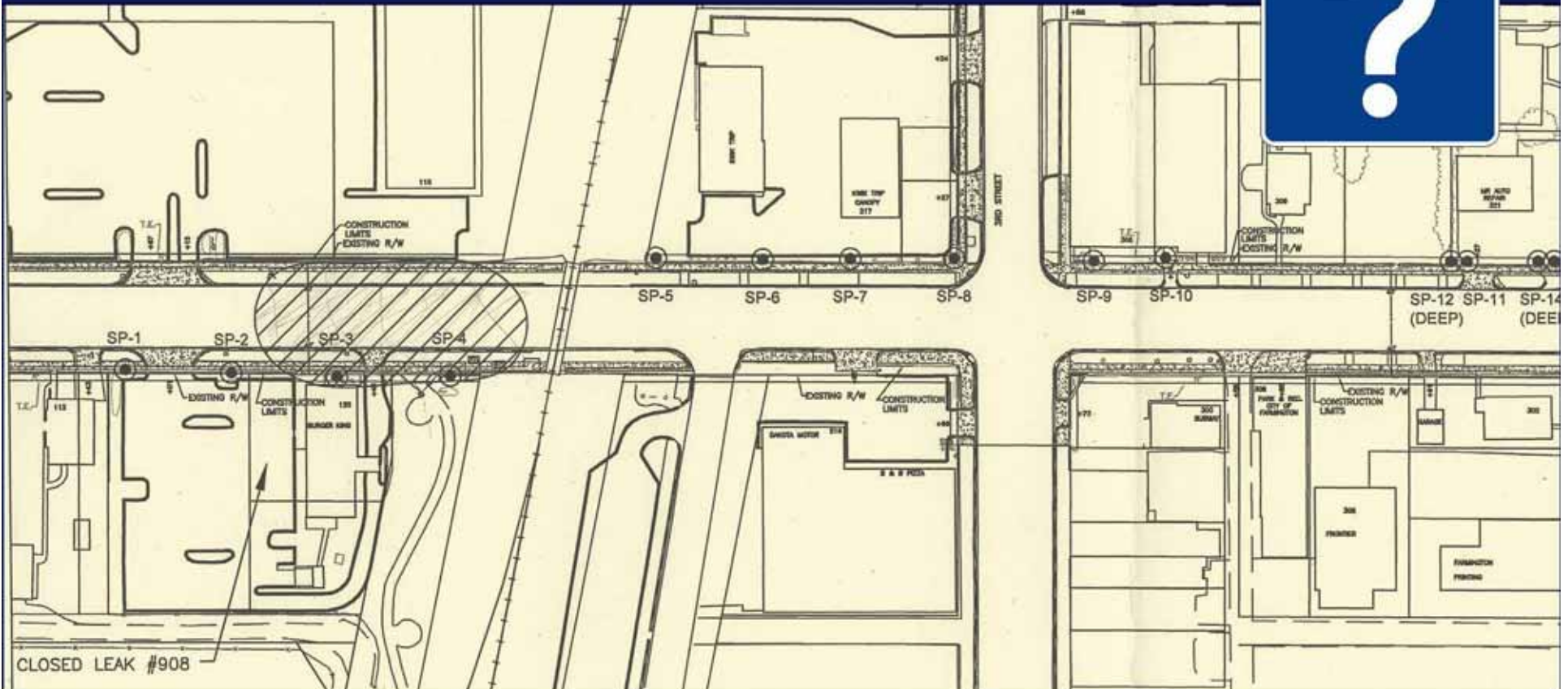
- public utility infrastructure improvements
- staged on public property, utility easement, or right-of-way

Does NOT include: road work, trenching or site preparation for construction, or service connections to private property.

# WHAT's the PROCESS?

## Implementing GD 5-01

2. Determine where petroleum contamination might be encountered along the planned route.



# WHAT'S the PROCESS?

(Continued)

3. Review project and leaksite data to be able to estimate:

- How many cubic yards of petroleum-contaminated soils (with PID > 10 ppm) will likely be encountered during the project?
- How many cubic yards of this total will need to be sent off-site for treatment? NOTE: The Request specifies that soils with PID < 10 ppm be backfilled and soils with PID 10 - 200 ppm be re-used on the project as road base or in embankments.



# WHAT'S the PROCESS?

(Continued)

4. Submit letter report with plan sheet to MPCA Public Works Coordinator and request a Request.



# WHAT'S the PROCESS?

## (Continued)

5. MPCA issues Request To Take Corrective Actions to Project Sponsor.



# WHAT's the PROCESS?

(Continued)

## 6. Implement items in the Request.

Item No. 1: Consultant must be present during excavation in the areas of suspected contamination – to determine if the contamination encountered presents a potentially dangerous situation, and to assure the work requested is completed.



# WHAT'S the PROCESS?

(Continued)

7. Submit documentation report with plan sheet to MPCA Public Works Coordinator (last item in Request).



# WHAT's the PROCESS?

(Continued)

8. MPCA issues Letter of Completion to Project Sponsor.



# WHAT's the PROCESS?

## (Continued)

9. Apply to Petrofund for reimbursement.



# WHY GUIDANCE DOCUMENT 5-01?

Public Works Project completed safely through areas of contamination, petroleum-contaminated soil properly managed, and Project Sponsor gets some reimbursement for the effort.



# Questions? And Answers!

Laurie Kania  
Public Works Coordinator

(218) 529-6257

[lauralin.kania@state.mn.us](mailto:lauralin.kania@state.mn.us)



Minnesota  
Pollution  
Control  
Agency