



# Standards Oversight Council (SOC)

Developing effective technical standards that protect Wisconsin's natural resources

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## DNR 1072 Horizontal Directional Drilling Standard Team

### MEETING NOTES

Wednesday, February 9, 2021 ▲ 9:00am – 12:00pm ▲

Virtual Meeting (online)

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#### 9:00 Welcome & Check-In (Kate, Kim, Amy Minser, Shannon Haydin)

Goal: Welcome and review meeting objective.

Welcome then introductions:

- Shannon – new Section Chief and Sponsor role for this standard;
- Amy – a new DNR runoff representative on the team, sharing the DNR liaison portion of the Team Leader duties with Kim;
- Kim – She'll continue as Team Leader at least for short-term.

An updated timeline reviewed together on-screen. Goal will be to have document out for review this fall, though still team discussion and decisions to be made.

**Attendance:** Kate Brunner;

Team: Kim Gonzalez; Amy Minser, John Edwardson, Mike Hackel; Susan Knabe, Elliott Mergen, Lance Newman; Brad Eifert, Matt Fehler; Ann Nye; Dana Halverson, Geri Rademacher; Abby Williamson.

**Absences:** None

**Guest:** Shannon Haydin

#### Notes Review (Kate, Team)

Goal: Review and approve 8/13/2020 draft meeting notes.

Draft meeting notes from the 8/13/2020 meeting were emailed to the team. No questions or comments to notes were raised via email or in this meeting. **Kate** will post final on the team website in the next week.

### Revised Practice Descriptions

Goal: Review key changes to the 4 practice descriptions not yet reviewed as a group: Field Bore Path Walk-Through, Monitoring, Reporting, and Recordkeeping.

HDD Practices file is reviewed on-screen to review and edit together. Most of these discussed previously and redlines remain from subsequent comments.

The descriptions for Field Bore Path Walk Through, Monitoring, and Reporting sections are reviewed and edited on-screen together as a group. Some key points of the team discussion

- Checklist for the walk-through may be a good idea (if so, there would be similar lists for all 3 walk-throughs discussed).
- Reporting
  - Changed to specify this is for reporting related to for IR to a wetland
  - IR threshold – What is the user required to report? We should clarify if/when there is a spill reporting requirement, both in current program requirements and any new requirements we'd want to incorporate.
    - Nonreporting section of wetland program (under the GP) has language with IR.
    - Some permits might require reporting of absolutely every release—we could state “in addition to meeting all permit requirements”
    - Releases would be considered illicit discharges and regulated under MS4 permits. What is this threshold (quantity? location?) for illicit discharge?
  - Question remains as to what is DNR need and expectation.
- Recordkeeping – Team previously discussed that this practice may not be appropriate or necessary as its own practice listing. Due to time constraints at this meeting, there is no discussion on this agenda item. This topic will be discussed at a subsequent team meeting.

### Defining Size-Related Practice Triggers (Team)

Goal: Introduce size matrix table and get input on dividing lines to go with practice groupings. As time allows, discuss options for converging opinions.

Due to time constraints, the discussion on this agenda item is limited. This topic will be discussed more completely at a subsequent team meeting. After this meeting, Kate and Kim will also consider using homework to make progress on this topic. We'll email the team with any homework request.

**Plan of Action (Kate, Kim)**

Goal: Review action items and agenda items for next meeting (March 11, 2021).

Action items to make progress before next meeting:

1. **Kate:** finalize 8/13/20 notes and post online
2. **Kate:** prepare 2/9 draft meeting notes, **Kim** reviews, then full **Team** reviews
3. **Kim and Kate:** prepare agenda for 3/11 meeting

**Parking lot for later discussion (including those from previous meetings):**

1. Define the risk categories and establish practices appropriate to each. Continue discussion on developing a communication tool (decision tree, matrix, flow chart, scorecard, etc.) for determining which practices apply for a specific project.
2. What resources to use for clarifying/defining environmental sensitivity and where to find them (like DNR's SWDV and NRCS soil survey)? Be clear what "environmental sensitivity" is of concern (e.g. wetlands and waterways, rare species, cultural resources, etc.?)
3. Use flexible language in Frac Out Plan and Spill Plan descriptions to allow for either lots of little plans (spill, frac out, staging, execution, contingency, etc.) or large "megaplan." Submittal style could be at user discretion.
4. Clarify requirements for projects that have multiple stream crossings or different quality resources. Similarly, clarify requirements with multiple HDD runs separated by pits.
5. Use of bore length as a risk criteria – try to manage temptation to create projects that avoid requirements by working just under length thresholds.
6. Pipe diameter vs bore diameter – pipe diameter is used in permits, do we need to define bore diameter relative to pipe diameter, or how bundles will work? Another suggestion was to change "bore" to "drill" or "drill path", and make sure language is clear to be HDD drill.
7. Ensure requirement is to maintain monitoring throughout the project (e.g., not just the first reaming pass or when other limiting factor).
8. A smaller (12.75") pilot hole is often used to start HDD, then reaming tools used to increase diameter. Pilot and reaming tends to be when frac out occurs—suggestion to add this as a consideration.
9. A checklist for the 3 walk-throughs (design phase, planning and pre-construction) could be an attachment to the standard or prepared for DNR to use as an example for the users.
10. Subjective language to clarify, or make additions to Glossary – words such as low or high risk, complex, sensitive, large, small, qualified etc.

**12:00 End**