

# PROPOSED AGENDA—2<sup>ND</sup> MULTI-AGENCY SILICA SAND RULEMAKING ADVISORY PANEL MEETING

WEDNESDAY MARCH 5, 2014, 10:00 TO 3:00  
PEOPLE'S ELECTRIC COOPERATIVE [1775 Lake Shady Ave S, Oronoco, MN 55960]  
Contact: [Nathan.Cooley@state.mn.us](mailto:Nathan.Cooley@state.mn.us) (651-757-2290)

## 10:00 FACILITATOR: WELCOME AND CHECK IN

**Goal:** Welcome everyone; introduce to the new space. Give context for “check-in.” How are you feeling about the process? Was the information sent out since our first meeting useful?

## 10:20 TBD: APPROVAL OF JANUARY 29TH MEETING NOTES

**Goal:** Review notes and approve them for posting on the web.

**NOTE:** the notes should reflect agency discussion that MPCA rules could include amendments to existing water quality rules as well as air rules. The MPCA made those changes prior to posting the notes from the 1<sup>st</sup> SSRAP meeting

## 10:25 JEFF HEDMAN (MPCA): AIR PERMITTING 101

**Goal:** Understand the basics of the MPCA's air permitting program: what triggers the need for a facility to get a permit or certain kind of permit; what types of requirements are put in air permits; and how the MPCA enforces air permits.

**NOTE:** the panel was really interested in Jeff's presentation. Jeff answered lots of questions. The meeting determined it would continue with the air permitting

## 11:10 SEEK PANEL INTERESTS AROUND CONTROL OF PARTICULATES (facilitated)

**Interest identification exercise:** Panelists to consider their answers to “What, for you, are the key interests to consider as we address particulate matter from silica sand mining and processing in Minnesota?”

## 11:30 LUNCH (we plan to provide lunches or you may bring your own to eat onsite)

## 12:15 FACILITATOR: POST-LUNCH REGROUP

**Goal:** Reconnect; any reflections from this morning?

## 12:30 HEATHER ARENDS (DNR): RECLAMATION AND RESOURCES 101

**Goal:** Understand the basics of reclamation; who regulates reclamation; and a geologic overview of silica sand?

## 1:15 SEEK PANEL INTERESTS AROUND RECLAMATION (facilitated)

**Interest identification exercise:** Panelists to consider their answers to “What, for you, are the key interests to consider as we address the reclamation of silica sand mines in Minnesota?”

**1:35 JEFF SMYSER (EQB): ENVIRONMENTAL REVIEW 101**

**Goal:** Understand basics of environmental review – what is its purpose, what are different kinds of environmental review?

**2:20 SEEK PANEL INTERESTS AROUND ENVIRONMENTAL REVIEW (facilitated)**

**Interest identification exercise:** Panelists to consider their answers to “What, for you, are the key interests to consider as we address environmental review for silica sand facilities in Minnesota?”

**2:45 FACILITATOR: NEXT STEPS**

**Goal:** Get feedback on location and meeting. Go over plans for next meeting. Discuss any other information that the Agencies need to provide.

**PARKING LOT/PENDING RESOLUTION:**

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# AIR QUALITY PERMITTING OF PARTICULATE MATTER ADVISORY PANEL INTERESTS

<b>RISK ANALYSIS</b>	<b>PROTECTION OF HUMAN HEALTH</b>	<b>REGULATIONS ROLES &amp; RESPONSIBILITIES</b>	<b>CREATE TRUST THROUGH TRANSPARENCY &amp; ACCOUNTABILITY</b>	<b>SOUND VERIFIABLE, MEANINGFUL, FEASIBLE SCIENCE</b>
<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>
<ol style="list-style-type: none"> <li>1. RELATIVE SIGNIFICANCE</li> <li>2. STATEMENT OF NEED</li> <li>3. COMPREHENSIVE BASELINE DATA-SITE &amp; BACKGROUND</li> <li>4. COMPARATIVE ANALYSIS WITH OTHER SOURCES (AGENCY)</li> </ol>	<ol style="list-style-type: none"> <li>1. HEALTH IMPACT STUDIES</li> <li>2. NEED FOR MORE CONTROL (E-6)</li> <li>3. CONNECTION TO THE ISSUE (AGENCY) (C-9)</li> <li>4. MAINTAIN PUBLIC HEALTH</li> <li>5. LEGACY OF HEALTH FOR LOCAL COMMUNITY</li> <li>6. PROTECTION (AGENCY)</li> </ol>	<ol style="list-style-type: none"> <li>1. MPCA – RGU PARTNERSHIP</li> <li>2. DO NOT INCLUDE STANDARDS FOR SILICA MINING TO CONSTRUCTION AGGREGATE MINING</li> <li>3. COMPLAINTS</li> <li>4. CONSEQUENCES OF VIOLATION-CONTINUATIONS OF OPERATION IS CONTINGENT ON COMPLIANCE (A PRIVILEGE)</li> <li>5. PERMIT REQUIRED</li> <li>6. CLARITY &amp; CONSISTENCY (AGENCY)</li> <li>7. AREAS OF OVERLAP OF 3 RULEMAKING EFFORTS (AGENCY)</li> <li>8. INDUSTRY PAYS FOR ALL MONITORING</li> <li>9. CONNECTION TO THE ISSUE (AGENCY) (B-3)</li> </ol>	<ol style="list-style-type: none"> <li>1. MONITORING DATA IS PUBLIC- IN REAL TIME VIA WEB</li> <li>2. CREATE TRUST</li> </ol>	<ol style="list-style-type: none"> <li>1. GOOD DATA SHOULD DICTATE POLICY DECISIONS (EXISTING, SCIENTIFIC DATA EXISTS)</li> <li>2. FEASIBLY MEASUREABLE STANDARDS</li> <li>3. SOUND &amp; VERIFIABLE SCIENCE</li> <li>4. MEASUREMENT</li> <li>5. IF WE MONITOR USE MPCA/EPA ESTABLISHED PORTOCAL AND EQUIPMENT</li> <li>6. NEED FOR MORE CONTROL(B-1)</li> <li>7. CONTINUOUS AMBIENT AIR QUALITY MONITORING (BY STATE)</li> <li>8. EXPAND MPCA SO THEY CAN MONITOR AND ENFORCE (NEUTRAL PARTY); USE ESTABLISHED EXPERTS.</li> <li>9. COMPREHENSIVE BASELINE DATA-SITE &amp; BACKGROUND</li> <li>10. NEW TECHNOLOGY VALIDATION OPPORTUNITY – OPTICAL PARTICLE/GRAVIMETRIC</li> <li>11. DATA SHOULD COME FROM STATE, EDUCATIONAL ENTIRIES AND THE INDUSTRY (MULTIPLE SHARING)</li> <li>12. RELIABILITY (AGENCY)</li> </ol>

Additional Notes [as found on back of the post it]

**A1:** What % of pollutants is attributed to industry, regulation = potential impact, fairness across industries, acceptance of risk – everything we do has a potential risk

**A2 & E6:** Science vs. feeling (makes us feel good to regulate), cause and effect, know verifiable risk (worthy of mitigation), current regulations not enough

**B5:** Unlike legacy of other kinds of mining (lead, asbestos, Polymet (500 years))

**C1:** Help RGU with protecting health, for facilities that fall below criteria for a permit

**C3:** What information or material is required, communication, action

**D2:** Regional and site specific monitoring, ways to achieve trust: continuous monitoring, in-depth review and real time

**E4:** Ability to enforce (resources), compliance, metric for compliance, background levels