

Thursday April 29th Notes
Great Lakes Collaboration Coastal Health Team
Grand Traverse

Discussion:

work as a team this a.m. Finalize approach and rec action

PRIORITIZE rec actions.

Break at 10:30.

Flush out Recommended Action re: time frames, implementation, lead actor.

Wrap up: future plans for team; submission of next draft; clean up;

12:00 Lunch: Mackinaw room. Each team will recap where we are.

Afternoon: Additional writing

Discuss recommended action organization:

Long list prioritized by our team and in the final document

Or: par down to few recommendations with sub components within them.

Input from Executive Committee:

Pleased with chapter. Easy to follow, well organized. Focus on key elements. Already have desired state/goal/endpoint worked out and problem statement worked out.

All Action: Work is on recommended actions.

All Action: Language suggestions: further simplify so not technical jargon.

WW Action: Look at time frames especially with CSO/SSO time frames. By 2010 CSOs remediated. Is this realistic? Could this be an interim milestone?

All Action: Need to make our recommended actions more results oriented, tied into our desired state. Too programmatic. Recommended action was for stasis – what we should be doing anyhow. Tie each action into how it relates to our desired state.

CO-Chair Action Concern: Overlap re: CH and AOC chapter. In area of concern chapter, I.D. state revolving fund money for CSO/SSOs. Coordinate with them re: continuity of \$ request.

Prioritization Action: Key things to accomplish in near term 3-5 years. Strategic plan to accomplish the end point. Benchmarks - part of the process of prioritization.

Guidance: Don't limit ourselves. Keep detail in document.

Option 1 – as is in 4/21/05 draft. Option 2 – as stated in 4/30/05 draft.

Option 3: 3 recommended actions:

a) **Remediate** existing problems with CSO/SSO.

b) **Prevent** additional impacts to water quality in the coastal zone. (stormwater, beach management, public education and outreach).

c) **Protect** drinking water sources in the coastal areas.

Format for Executive Summary: 4 recommended actions, one also including protect shore and including gwater.

- i. Take pollution out.
- ii. Prevent further pollution.
- iii. Implement water conservation practices E.g. muni's replace old infrastructure (vs. withdrawal – Annex)
- iv. Protect shores from further degradation.

Discussion:

- Don't lose specificity. – Our options apply to Exec. Summ re: all teams have these general goals.

- Separating stwtr from CSO – wet weather related so keep together

- Management basis is functional for chapter.

- Does remediate include dry weather?

Start with objectives - Wet; Dry; Beach Management; Education; Drinking Water – do these get back to the problem statement re: minimizing risk to human health.

WW (CSO) fits under both remediate and prevent. Therefore, use statement we came up with on Thursday night (see road map), not three goals.

Co-Chair Clarification: contaminants that affect the quality of near shore waters are included in CH. (and addressed by PBT/AOC team too)

Are we losing detail if we go to fewer primary objectives?

When the executive committee looking at our recommended actions, the more we consolidate and combine, the more we have specific actions – just a matter of how we organize and present in terms of prioritizations. Options: One recommendation with 20 specific actions; Or, four that we think are really important.

Exec. Committee: Don't put everything in and expect E.C. to pick. One large recommendation with lots of actions within it is not a good strategy.

Action: Figure out how to prioritize. Which action has the biggest impact on our endpoint?

Issue: If one priority, we exclude priorities dependent on different geographies.

Remediate or Prevention – which has the biggest impact?

Draper: Remediation - There are programs in place to prevent the sort of pollution we've seen in the past. Where it is unknown, i.d. what the causes of beach closures are.

Draper Priority: Tool for identifying the causes of beach closures.

Wooster/Shriberg: We do have major known sources. 147 known CSO communities, 77 have not completed long term control plans. Majority of communities do have plans in making. Already existing programs – the goal is to make them more comprehensive.

Draper: Won't get biggest impact re: beach closures.

Hoogerhyde: But we shouldn't think of just beach closures. Many outfalls do not impact bathing beaches, but they do impact coastal health.

1. Remediate and prevent all known problems: Wet weather (CSO, SSO, Stwr); Dry weather
2. I.D. unknown sources
3. Drinking water

Recommended Action/Prioritization Road Map

Thursday Recommendation: **1. Remediate** and **prevent** adverse impacts to coastal health by controlling direct and indirect sources of pollutants (that are identified through assessment). **2. Protect** drinking water quality.

long term (10-20 years), mid-term (5-10 years) short term (3-5years) and immediate (0-3 years).

What is the number one priority – Vote:

Endpoint GOAL

Near shore waters pose no harm to human health.

RECOMMENDATION A

Remediate and **prevent** adverse impacts to coastal health by controlling direct and indirect sources of pollutants (8 votes)

Specific ACTIONS

1. Provide adequate **funding** for SSOs and CSOs (2 votes) (this helps with speed to reach our endpoint) (fixing infrastructure)
2. Increase federal and state **enforcement** on existing actions that should be taken (including CSO).
3. Prioritize funding to communities/municipalities that do non-structural prevention and control: **Implement local programs** to prevent the overload of water in the storm sewer (to leverage SRF funding)

4. Funding for policy review and implementation (personnel)
5. Accelerate review and approval of, and establish acceptable policy for, Rapid Time Testing
6. Review and ensure that IPP is current in each city. **Industrial Pre-treatment Program**

Fix aging infrastructure protects natural resource (water) for future
 High impact: **Ag** (dealt with by non point source) put in primary chapter.

RECCOMENDATION B:

Protect drinking water quality.

Specific ACTIONS:

1. **Create authority**
2. (Federal, State, Municipal) Require the **development** and **implementation** of source water protection plans.

Current action: Clean Water Act.....may not go in the direction we intend.
 (irreversibility – if we allow CSOs etc., will we ever get to our endpoint goal?)

Lead Actors: Federal; Tribal; State; Municipal; Industrial; Non Profit; Community

Federal:

Increase funding under state revolving fund.

Increase enforcement

A. Assessment (microbial assessment, sanitary survey, rapid testing)

- Selection of most appropriate tool is dependent on assessment that identifies source

Federal accelerate *review* and *approval of*, and establish acceptable *policy* for, Rapid Time Testing¹.

Local utilize these approved tools to access real time data to make decisions.

Local implement standardized sanitary survey and reporting to manage recreational waters

Specific Actions (*by in/direct sources listed in problem statement*):

- Recommended actions each include *education*/public right to know, a **Local** action
- Recognize existing programs

CSO/SSO: top Federal priority

Specific Year: By 2009 communities on the schedule; by 2020 eliminate

Rewrite: “ENFORCE existing rule on the book

Rewrite: “By 2020, or sooner if possible, eliminate inputs of untreated or inadequately treated human and industrial wastes to G.L. waters from muni....”

Include stormwater BMPs

Include Long Term Control Plans

Education – Public right to know

Illegal and malfunctioning septic and private sewer

Stormwater (ag, industrial, urban landscape)

Release from contaminated sediments

Avian and animal deposition

Education--Action/Reaction: why clean up after pet; why don’t feed the birds; why remove trash from beach.

Contamination from boaters

Federal (and local) - Promulgate and enforce regulation to take action against boaters who discharge waste to coastal waters (by 20XX).

Educate boaters about impact of improper discharge of boater waste

¹ Rapid Time Assessment is a monitoring tool, not an assessment tool. Is it misplaced?

Shedding from bathers

Local - Increase shower facilities public beaches (how many by when)

Inconsistent compliance with sewage treatment and control

Lack of storm and wastewater enforcement

Aging and overloaded wastewater treatment infrastructure and collection

GAPS

Algal blooms

Beach Assessment methods: Continued advancement and improvement of

Rapid Testing

Predication/forecasting models

Industrial Treatment Program: (currently in Rec Action for Wet Weather - IPP)

Review and ensure that IPP is current in each city. **Industrial Pre-treatment**

Are we missing any areas that are near shore waters but NOT beaches (e.g. for tribal communities that live on the coast)

➤ Our assessment info is based on beach closures. We should assess how different sources impact NON-beach areas.

- (State, Local) Insurance monitoring in near shore waters that are not beaches.

- Monitor near CSO/SSO overflows to assess their impact on near shore water that are non beach areas.

- Support non-profit (e.g. Beach Association; Grand Traverse Watershed Center; Inland Seas) monitoring efforts.

- Promulgate data collection protocol/standards. (low tech for screening vs. more rigorous)

AIS – open near shore waters – how affects human health. (e.g. botulism from gobis up the food chain, changing phosphorous concentrations of the lake e.g. cladophera)

Urban issues – are they addressed

Questions for Friday 10:45-12:00

1. Are Recommend actions in 4-21 draft incorporated into the **specific actions** under Recommendation A?

2. Are there gaps in the specific action list?

3. Were to place **specific actions** for “identification through assessment?”

4. As we list the specific actions under Recommendation A, i.d. or **prioritize** by *long term (10-20 years), mid-term (5-10 years) short term (3-5years) and immediate (0-3 years).*

Charge to writing groups:

Re-organize 4-21-05 recommended actions according to **every specific action** and including:

- Recommended timeframe
- Projected cost and benefit
- Best-suited entity to accomplish specific action
- Measurable outcomes

➤ Dates footnoted with reference back to source.

➤ Cost accounting - support cost projections.

➤ Recognize existing programs.

➤ Reorganization appendices by **specific actions** (goals, alternative approaches, on-going efforts).

Outstanding Issues (also see handout)

1. List of existing regulations, rules and programs;
2. Dates footnoted with reference back to source
3. Stormwater – BMPs, natural infrastructure
4. Cost accounting - support cost projections
5. Recommended action - steps to achievement and agencies involved
6. Appendix D – uncouple and integrate with Appendix B.
7. Appendix B – refine based on modifications to chapter? (e.g. some items now in the chapter that were previously in alternatives appendix?)
8. Reference working with regulatory agencies on beach management to ensure new tech acceptable to them.
9. Include regulatory review in time frame
10. AIS: zebra and quagga mussels reduce lake's phosphorus assimilation, increase algae.
11. Ensure recommended actions do not result in a negative impact on tribal communities that reside at the coast.
12. Mention tribal communities' live at coast in problem statement.