RSE’s from an RPM’s Perspective

Dion Novak
Remedial Project Manager
EPA Region 5
Initial Barriers to optimization

RPM buy in
Extent of O&M-big vs. small
Cooperation of State
Perceptions of O&M contractor
RSE process

How much time?
What are the discussions?
How to prepare site team
Follow-up
How do you get recommendations?
RSE Communication

EPA--------→ State

EPA--------→ O&M Contractor

EPA--------→ RSE Contractor

EPA--------→ PRPs
Why do an RSE?

We should be monitoring regularly
Makes the 5 year review process easier
Remedies need periodic “tweaking”
Region 5 RSE Examples

Ott Story
Douglas Road Landfill
Oconomowoc
Reilly Tar
McGillis & Gibbs
Site Observations

Confusion during implementation
  who is responsible?
  what is done first?
Turf battles
How does one change impact others?
Site Observations

Imperfect monitoring systems
In ground is different from in design
Over-performing systems
Redundant system components
Site Observations

Ability to look at remedy objectively
Ability to “sell” optimization
Mindset of site team
Community Perception

Is the remedy is working?

Show me!
PRP Perception

Can you save me $??

What will prevent you from making me do more than I already agreed to?
Conclusions

My remedy is not wrong
Systems in ground behave differently
Is your monitoring program adequate?
Accepting of change mindset critical
If it ain’t broke, you can still “fix” it