

RSE's from an RPM's Perspective

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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