

From: [Shekter Smith, Liane \(DEQ\)](#)
To: [Shekter, Jean \(DEQ\)](#)
Cc: [Benzie, Richard \(DEQ\)](#)
Subject: FW: Field Operations 2014 Accomplishments Blurb
Date: Friday, February 20, 2015 2:10:00 PM
Attachments: [Draft FOS 2014 Year in Review.docx](#)
[RE 2014 Year in Review.msg](#)

The base document is attached.

The blurb from Jon is below.

And Steve's paragraph is attached in the above e-mail.

Thanks for agreeing to smush this all together for us. Feel free to edit and editorialize.

From: Lachance, Amy (DEQ)
Sent: Tuesday, February 17, 2015 1:27 PM
To: Shekter Smith, Liane (DEQ)
Subject: RE: Field Operations 2014 Accomplishments Blurb

Here you go. I had sent it to just Richard before the meeting.

From: Shekter Smith, Liane (DEQ)
Sent: Tuesday, February 17, 2015 1:08 PM
To: Lachance, Amy (DEQ)
Subject: RE: Field Operations 2014 Accomplishments Blurb

Thanks Amy.

Could you please send electronically the draft that you had completed? I don't recall seeing it.

From: Lachance, Amy (DEQ)
Sent: Tuesday, February 17, 2015 12:35 PM
To: Shekter Smith, Liane (DEQ)
Subject: FW: Field Operations 2014 Accomplishments Blurb

FYI from Jon for year-end document. Already went to Richard.

From: Bloemker, Jon (DEQ)
Sent: Tuesday, February 17, 2015 8:51 AM
To: Lachance, Amy (DEQ)
Cc: Benzie, Richard (DEQ)

Subject: Field Operations 2014 Accomplishments Blurb

Shown below is the short blurb about the pH shift and coagulant studies being conducted by the frozen northern lower peninsula. Feel free to edit or request more detail info.

A gradual increase in the pH over the past decade in the northern portions of Lake Michigan has resulted in the coagulant of choice, alum, being less effective for three community water systems. The ODWMA field staff has been working with the communities developing dosage rates to meet minimum solubility requirements based on the water quality change. Also, the field staff has worked with the most impacted community, Traverse City, by giving detail suggestions on conducting a coagulant study. With the average pH of around 8.3 and a maximum of 8.6 in the East Grand Traverse Bay, the city of Traverse City has hired a nationally recognized expert to assist them with selecting another coagulant. (By the way, the consultant told the city the DEQ was right.) Preliminary bench study results indicate that the city should explore the use of ferric chloride or ferric sulfate as their replacement coagulant. The cities of Ludington and Charlevoix may be following suit based on the final results from Traverse City.

Following a tour of several communities using ferric based coagulants on the east side of the northern lower peninsula, Traverse City will be proposing a schedule for hiring a consultant to design the new chemical feed system this spring. It is possible the new coagulant feed system will be running in the spring of 2016.