
From:
Sent: Thursday, September 10, 2015 3:48 PM
To: Brent Wright
Cc:
Subject: RE: Flint Corrosion Control Implementation Plan Outline
Attachments: Flint Corrosion Control Implementation Plan 09-10-2015.docx.doc

Brent,
Please see final document attached. Since it wasn't really a letter, I made it a memorandum with our company logo and address.

Associate, Senior Project Manager



**Lockwood, Andrews
& Newnam, Inc.**
A LEO A DALY COMPANY

One Oakbrook Terrace, 22nd Street and Butterfield Road, Suite 207 • Oakbrook Terrace, IL 60181

From: Brent Wright [mailto:bwright@cityofflint.com]
Sent: Thursday, September 10, 2015 1:56 PM
To:
Subject: Re: Flint Corrosion Control Implementation Plan Outline - DRAFT

Looks good could you put this on a letter head. If you prefer not to that is fine.

Thanks

On Thu, Sep 10, 2015 at 2:35 PM,

wrote:

Brent,

asked me to prepare an outline of tasks needed to implement corrosion control by Jan. 2016. Please review the attached draft and let me know if this is what you were looking for.

Thanks,

Associate, Senior Project Manager

PLANNING
ENGINEERING
PROGRAM MANAGEMENT

DATE: September 10, 2015 Data Code: _____
TO: Brent Wright
FROM: _____
PROJECT NO.: 130-10701-001
PROJECT: City of Flint – Water Distribution System
SUBJECT: Corrosion Control Implementation Plan
MESSAGE:

Routing	

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In response to the previously reported lead results from samples taken within certain parts of Flint's water distribution system, Lockwood, Andrews & Newnam, Inc. (LAN) proposes the following outline of tasks to be completed in order to implement a corrosion control system by January 2016:

- Review available water quality data
- Review sampling protocols and lab analyses performed by others (i.e. Virginia Tech)
- Review available reports and recommendations prepared by others
- Perform additional bench scale analyses, as deemed necessary
- Develop and evaluate corrosion control options
- Prepare Basis of Design Report or Preliminary Engineering Report and submit to MDEQ for concurrence of recommended corrosion control approach
- Meet with MDEQ to discuss proposed corrosion control approach, as required
- Prepare design documents for permitting and bidding
- Submit design to MDEQ for construction permit
- Solicit contractor bids and evaluate bids received
- Prepare recommendation of contract award
- Conduct pre-construction conference
- Review contractor submittals
- Observe construction, as required
- Observe and assist in facility start-up and training
- Make recommendations for payment
- Project close-out: prepare record documents, recommend final payment

1311 SOUTH LINDEN ROAD
SUITE B
FLINT, MI 48532
TEL 810.820.2682
FAX 810.820.2703
www.lan-inc.com

From: _____
Sent: Friday, October 02, 2015 12:58 PM
To: Howard Croft;
Cc: Michael Glasgow; Brent Wright; Natasha Henderson; Jody Lundquist; Robert Bincsik; Flint Mayor
Subject: RE: Corrosion Control

Hi Howard,

We are already fast tracking the design as discussed on Wednesday and we will deal with the contracting side in the next week or two. We can also discuss an update on the status before the technical committee meeting next Wednesday. We are coordinating to have our staff on site next week to do additional testing on the river water and analyze the design criteria for phosphate demands within the system.

and I have discussed the situation and we concur that getting the system in place by the end of November or early December is the goal. We can also work with the City in the interim for the needed purchases and discuss whether City staff are available to do the installation work which could save us at least couple of weeks or more out of the schedule.

We can surely discuss our options further next week. In the meantime, we will keep moving forward at full speed.

Thanks.

Team Leader

 **Lockwood, Andrews & Newnam, Inc.**
A LLO A DAILY COMPANY
1311 South Linden Road, Suite B • Flint, MI 48532
2121 University Park Dr, Suite 100 • Okemos, MI 48864-6901

From: Howard Croft [mailto:hcroft@cityofflint.com]
Sent: Friday, October 02, 2015 10:21 AM
To: _____
Cc: Michael Glasgow; Brent Wright; Natasha Henderson; Jody Lundquist; Robert Bincsik; Flint Mayor
Subject: Corrosion Control

We are looking to fast track the corrosion control to basically a 24/7 effort. I believe that the Director of the MDEQ will be supporting all things necessary to accomplish this as fast as possible.

I will work internally to complete all contractual needs under an emergency basis and will look to talk with you very soon to confirm your proposal and provide you any support that may be required from the City.

Thank you,

--

Howard Croft
Public Works Director
City of Flint
1101 S. Saginaw Street
Flint, MI 48502
PH# 810.766.7135 Ext.2043
heroft@cityofflint.com