

Monzeglio, Hope, NMENV

WRB

**ENTERED**

From: Monzeglio, Hope, NMENV
Sent: Wednesday, March 30, 2011 8:38 AM
To: 'Robinson, Kelly'
Cc: Schmaltz, Randy; Krakow, Bob
Subject: RE: Bloomfield Refinery River Terrace Discharge Piping Modification Proposal
 Kelly

NMED approves the changes discussed below.

Thank you.

Hope

From: Robinson, Kelly [mailto:Kelly.Robinson@wnr.com]
Sent: Tuesday, March 29, 2011 2:08 PM
To: Monzeglio, Hope, NMENV
Cc: Schmaltz, Randy; Krakow, Bob
Subject: Bloomfield Refinery River Terrace Discharge Piping Modification Proposal

Good Afternoon Hope,

As you know, Western Refining Southwest, Inc. – Bloomfield Refinery (Western) suspended refining process operations in November 2009. Since November 2009, demand for fresh water to support current facility operations has diminished which has impacted (lessened) the operation of the dewatering system at the Bloomfield Refinery River Terrace. With this said, Western would like NMED's approval to implement minor piping modifications downstream of the biovent system that would allow the dewatering wells to work more frequently (i.e. without dependence of operation of the Refinery River Pump Station).

Current Configuration

As of present, the River Terrace dewatering system consists of two dewatering well and one collection gallery, each of which are equipped with a dedicated submersible pump. River water from the collection gallery and dewatering wells is pumped through two granular activated carbon (GAC) filters that operate in-series for treatment. The treated river water is then routed through the River Pump Station where it ultimately discharges to the Refinery fresh water ponds.

Proposed Configuration

The changes being proposed by Western involves routing the treated river water directly to a 3,000 gallon surge tank. The surge tank will be equipped with a booster pump that will run off level controls. The booster pump will pull the treated river water from that surge tank and discharge into the Refinery fresh water ponds.

This change in configuration will eliminate the current discharge of treated river water into the River Station wet-well, and thus will eliminate the need for operation interlocks between the river terrace dewatering pumps and the Refinery river station pumps. The sampling frequency at the GACs and operation of the GACs in-series will remain unchanged. Attached is a general flow schematic that reflects the proposed changes. As you will see, the proposed changes only affect piping downstream of GAC filters, thus leaving the treatment process at the bioventing system unchanged.

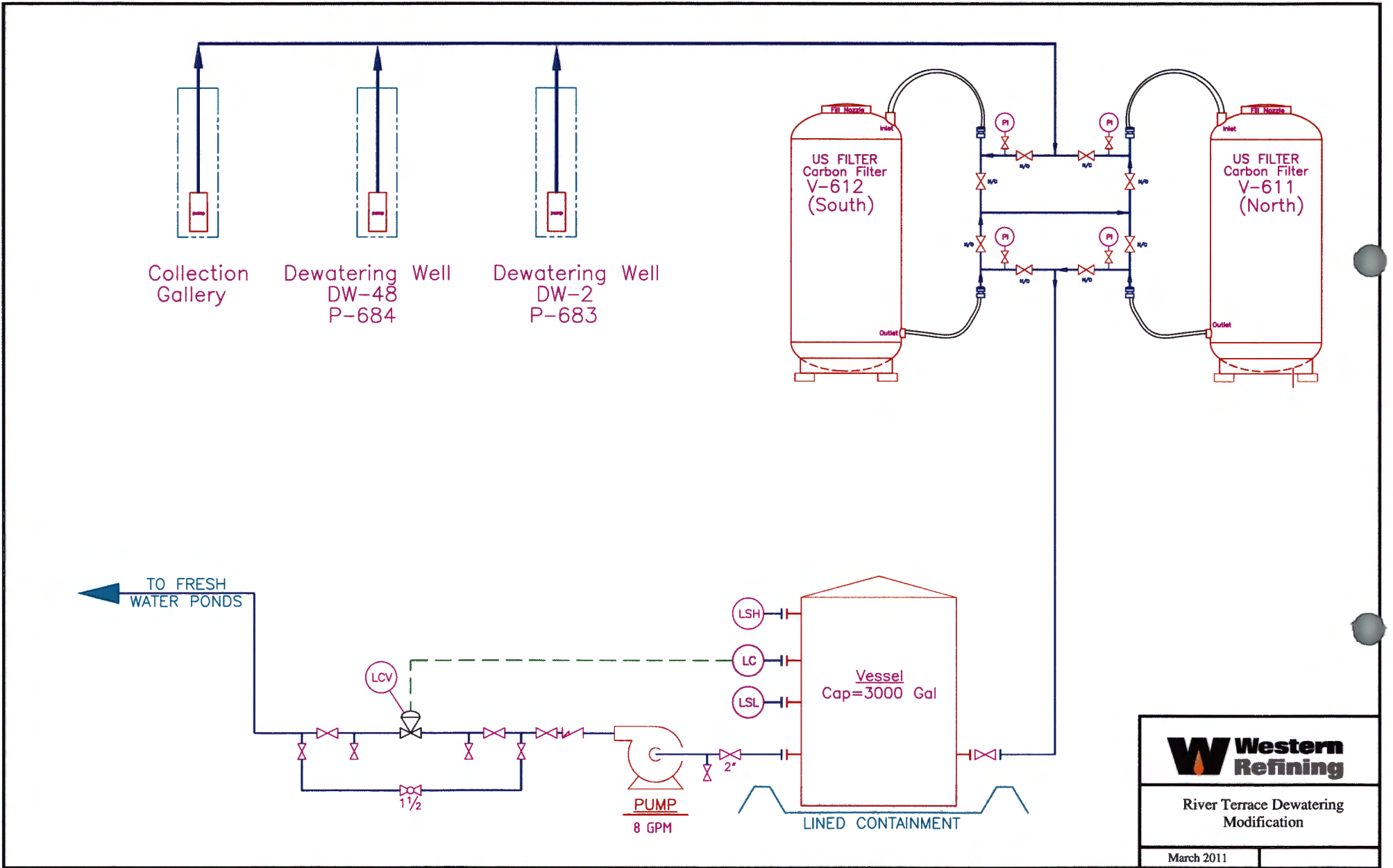
If you have any questions or need any additional information as you review this proposal, please feel free to contact me at your convenience.

Thank you for your time!

Sincerely,

Kelly R. Robinson
 Environmental Engineer

3/30/2011



River Terrace Dewatering Modification

March 2011