

DEPT. OF FACILITIES
CONSTRUCTION REPORT
MARCH 2018

Submitted by: Reid Reagan

NAPI:

Tim Peterson, Architect for L'Hequireux Page Warner, examined sinkholes under Napi gym although the footings are in place under the supports he recommend a structural engineer, Rodney Blake of Thomas, Dean & Hoskins who is working in Cut Bank to review.

KW BERGEN:

(Per the manufacturer) When replacing sections on older boilers such as this, we always warn the customer that there is a possibility that the new section will not align properly with the existing section. It's possible that the contractor can get the bottom 2 ports to fit but not the top. Sometimes the top and bottom port will fit but not the other lower nipple port. It is also possible that you may have success in installing the center on to the existing center but cannot get the existing rear section to align back up with the new center.

We attribute this to thermal expansion and contraction of the sections that has taken place over the life span of the boiler. The older the boiler the more propensity there is for misalignment. Although we have not changed the design of the section dimensionally a new section may not align with an old section. It doesn't happen in all cases-depends on the operating conditions and if the boiler was properly sized to the load.

In cases where a section does fit we are still leery of the joint connection. Just because it fit doesn't necessarily mean the joint will hold water. In your case I would get a new rear section to install on the new center you successfully installed and once that is completed hydro test the entire block to if there are any leaks between the #9 and #10 joints. The #10 and #11 joints will be new and should be fine.

We are getting price quotes for rear #11 section as of now we have 2, Combustions Services and Wadsworth Plumbing. Price for new boiler=\$78,000.

HIGH SCHOOL:

Engineers from Morrison Maierle reviewed 1 year warranty on new addition. Areas of concern are roof leaks, floor drainage in shop area and sewer backup in the visitors locker room. Currently waiting for the recommendations to be made.