**PROJECT A: STEAM TO NATURAL GAS CONVERSION**

**Wednesday, August 26, 2020**

**Overall Status:** Project is on schedule to be complete at the end of September 2020. We continue to monitor the overall schedule very closely with the contractor.

All buildings had hot water at the start of classes on Monday, August 17, except the West wing of Science and Cherry Creek due to late meter installations by Xcel Energy.

Cherry Creek’s meter was delivered by Xcel on Tuesday, August 25, and they are working to get hot water activated by Thursday, August 27.

For Science, Xcel’s anticipated meter delivery date is August 27, so it will be August 28 or August 31 for hot water there.

Building heat is not scheduled to be back on campus-wide until mid-September, and normally in Colorado we don’t need heat until sometime in October. Heat from the new boilers has been tested in many of the buildings already, but the entire system will be going through commissioning and testing through mid-Sept.

Happening next week, by Building:

**Tivoli Commons:**
- After further investigation and additional excavation it turns out Xcel did bore through a campus irrigation mainline near the Quad. Repairs have begun and will take a couple of weeks.

**Boulder Creek:**

A. UPDATE:
- Hot water is on and Boiler start-up for heat is complete
- Contractor completing finishing touches (fire caulking)
- System Commissioning: September 11

**Plaza:**

A. UPDATE:
- Contractor completing finishing touches (fire caulking)
- Hot water is on and Boiler start-up for heat is complete
- System Commissioning: September 11

B. UPCOMING:
- Interior landing from Penthouse to 3rd Floor: stairwell itself is in fabrication; will do a Friday or Saturday install once it arrives, around Labor Day

C. IMPACTS:
- Contractors will utilize scaffold stair tower on east side of building for Boiler Penthouse work thru Thursday, August 27
PE:
A. UPDATE:
   o Hot water is on and Boiler start-up for heat is complete
B. UPCOMING:
   o Installation of new stair, currently in manufacturing; mid-September install (Temp stairwell in place)
   o System Commissioning: September 3

Arts:
A. UPDATE:
   o Only small barricade at Mechanical Room remains in hallway, until late-August
   o Contractor completing finishing details like fire caulking and painting wall at NE Mech room on 1st floor
   o Hot water is on and Boiler start-up is complete
   o System Commissioning: September 23

Central Classroom:
A. UPDATE:
   o Hot water is on and Boiler start-up for heat is complete.
   o Contractor completing fire caulking
   o System Commissioning: September 23

West Classroom:
A. UPDATE:
   o Hot water is on and Boiler start-up for heat is complete
   o New compressors will be installed on September 12 weekend; swap existing for new.
   o Issue with new pumps when tested; awaiting new pump to be shipped
   o Tentative System Commissioning: September 23 (based on new pump delivery)

Cherry Creek:
A. UPDATE:
   o Xcel gas meter arrived and being installed Tuesday, August 25.
   o Hot water back on by August 26 or 27
   o Stair tower in place until September 10
   o System Commissioning: September 23

<table>
<thead>
<tr>
<th>No Steam / No Heat</th>
<th>No Hot Water</th>
<th>Boiler Delivery</th>
<th>Hot Water Returns</th>
<th>Heating Sys Active</th>
<th>Building Complete</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 19</td>
<td>May 19</td>
<td>June 29</td>
<td>August 26 or 27</td>
<td>August 31*</td>
<td>Sept. 29</td>
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</tbody>
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*Heating will be possible, but commissioning and testing will go on through September.
Science:

A. UPCOMING:
   - Anticipated gas meter installation by Xcel Friday, August 27; hot water by August 28 or August 31
   - Continued installation of piping/insulation and control wiring in the Mechanical Room thru early September
   - Concrete exterior stairs poured; measuring for railings for additional exit out of Mechanical room; railing to be delivered by end of August
   - Vivarium work Phase 1 completed August 21. Phase 2 will occur later in September; working through Method of Procedure now and will coordinate final dates with stakeholders, but anticipating September 21-24 outage for cage washer; there will be a Phase 3 for the Vivarium to convert the final steam connection in late September

B. UPCOMING:
   - Targeting weekend of September 11-12 for a 2-day gas outage effecting Bunsen burners after meter set; exact dates to be determined and will be communicated to labs. Working to schedule this for Friday afternoon/Saturday; will confirm timing once we get closer to date.

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<tr>
<td>June 4</td>
<td>May 26</td>
<td>June 10</td>
<td>Aug. 28 or 31 - WEST</td>
<td>August 31*</td>
<td>Sept. 29</td>
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Note: Vivarium 180 degree water need will NOT be affected one heat exchanger will be intact and not be removed until boilers are operational.

*Heating will be possible, but commissioning and testing will go on through September.

C. Impacts:
   - No heat and no hot water as noted above.