

## Cliffside Refiners Limited Partnership Meeting

April 16, 2019 @ 10:00 AM

### Attendees:

(Cliffside)	Mark M.	Barry S.	Rodney C.	Tim D.	Brad H.
(Downtown)	Emress B.	Alex C.	Amanda C.	Sam B.	
(NOC)	Heath M.				
(CRLP)	Nick D.	Bobby S.	Tony K.	Bob L.	Brad B.
	Sarah F.	Rick G.	Tom P.	Tom H.	

### Roll Call

➤ Noted

### Antitrust Issues

**Nick D.**-Provided to list of attendees on call, if anyone has any questions please let me know

#### 1. Booster Compressor

**Nick D.**-We are 12 days from the outage scheduled for April 29<sup>th</sup>. Welding work is a key element. Last we talked they were going to be on site last Wednesday. Do we have an update on that?

**Alex C.**-Were on site last week but they were not ready so they are bringing in other welders and others to help determine the extent of the welds. On Sunday they have gotten all of the welds marked but they are still working on the weld procedure. The most important thing is to get the weld procedure complete so they can get to work. They have 7 cut outs and 27 repairs to do.

**Nick D.**-It seems like there is still plenty of time to get the work done, but the issue we face is that we have made no progress.

**Heath M.**-Do they have a date to have that plan to you Alex?

**Alex C.**-No they have not.

**Heath M.**-Do we need to contact them and put a deadline on it?

**Alex C.**-Yeah we can do that today. I have been contacting them each day.

**Tony K.**-We need to think about if we aren't ready then we have to consider the next window of opportunity for everyone.

**Heath M.**-Alex and I are going to reach out to Blue Ice today and get some information and as soon as we have that we will get it to you today.

**Nick D.**-Other issues were not outage issues, scope of work was being passed within the BLM for the Arc flash study last I remember.

**Heath M.**-It was with CRLP and Air Products last week, did you have a status of your review of it?

**Brad B.**-Yeah Gavin is reporting on that this morning.

**Heath M.**-As soon as we can get that.

**Brad B.**-We will have that to you by the end of the day.

**Amanda C.**-I want to verify that when we are looking for comments that includes clarification on the testing element.

**Brad B.**-That is a must have. The study requires following the standards and updates to code. When they are done the relays need to be reset and when they are reset they need to be retested. It verifies that they trip at the new settings.

**Nick D.**-Outage scope: Tony and Rick there was concern about K100 valve parts, there is a solution is what I am told.

**Tony K.**-parts are ordered and expedited from the vendor and we will have them on hand before the outage.

**Bobby S.**-BLM lost a valuable person last week, are there any back up plans for the shutdown.

**Nick D.**-I notified the CRLP of his passing and a tragic loss. I have talked with Brad about back up support and I think that we are prepared to support the BLM in what Marty would have typically done.

**Brad B.**-Wilbur is already gathering information for Doug. Marty was gathering information for him last week. Doug can dial in if there are issues.

**Nick D.**-Sarah could you speak to the CO2 analyzer?

**Sarah F.**-So it is being repaired right now we are still waiting on the final quote. We are also going to update a spec to get a quote on a new one. A new one with better specifications.

**Amanda C.**-We have not authorized anything until we have the proposal so this work is being done with risk. When will we have a proposal? I think I read something about next week?

**Sarah F.**-Revised spec will be available next week.

**Nick D.**-Methane pump swapped out, standby pump started last week. Took the alpha pump to the shop for repair last I heard.

**Amanda C.**-They are doing an analysis and then you guys will give us a quote on that?

**Brad B.**-The one in the shop right now is the one we repaired before. The pump running right now there was no quote for that pump.

**Amanda C.**-So you have an open not to exceed order on that one.

**Nick D.**-Building ventilation seems like this one isn't moving very much. Under engineering review in Waukesha building.

**Heath M.**-It has been determined that the louvers are part of the life safety system.

**Amanda C.**-I have asked for an engineering review, the fact that the louvers are operable logic dictates that they are meant to be closed at some point.

**Heath M.**-If those are there for fire suppression that needs to be addressed as well, all of the issues need to be addressed here.

**Amanda C.**-This has been on the list since 2018 so a year that this has been on the radar.

**Nick D.**-We will get the data on air exchanges, mitigating factors are keep it open, wear sensors.

**Mark M.**-the south wall of the building there is only 1 man door. There are no air inlets on the west wall, on the east wall there are 3 louvers. There is no cross ventilation. Let's not fool ourselves that we are compliant. If we knew the size of the louvre to put in we could cut a hole and get a breeze through there.

**Nick D.**-Is the building out of compliance?

**Amanda C.**-We think it is but it is not our building that is why we keep asking you.

**Brad B.**-Monometer readings in the Waukesha and in the PRISM building and Paul Young and I spoke this morning and he is going to get back with us on those air calculation numbers. From there we will discuss louvre vents and air exchanges. I would suggest that we have a meeting there at the BLM and go over red light green light, fire suppression and air exchangers and overall what is required.

**Mark M.**-What is installed is mostly working. The airflow through the PRISM building is 20-25% more than the Waukesha building. We need to address more than just the minimum requirements here.

**Nick D.**-When is realistic to sit and talk about this?

**Brad B.**-I am available this week or next, Mark, Barry, Amanda, just let me know.

**Mark M.**-I would say sometime next week as well.

**Sam B.**-If we are able to talk about it then this week would be better than next week.

**Nick D.**-Let's leave it for Brad or Amanda to coordinate a time that works.

**Nick D.**-I understand the DGA, one of those is consuming a lot of oil.

**Amanda C.**-Yep another system.

**Brad B.**-We are targeting to get that one completed by the end of the week.