

**RFI 166
Pebble Project EIS**

Request for Information

Title/Subject:	WTP Schematics Update
Requestor:	AECOM
Date Transmitted:	4/6/20
Recipient:	Pebble Limited Partnership (PLP)
Response Requested by:	4/17/20
Rationale:	Schematic diagrams depicting water treatment plant (WTP) processes that were included in the PFEIS were derived from the PLP (2019d) Project Description (revised version dated 12/19/19, Figures 4-2 through 4-7). EPA comments on the PFEIS request changes or clarifications to two of these figures. The revised figures and explanation will be used to update figures and descriptions in the EIS.
Describe the Information Requested and Level of Detail:	<ol style="list-style-type: none"> 1. PLP (2019d) Figure 4-2 shows three stages of reverse osmosis (RO) for WTP #1 in operations, but the description in PLP (2019d) and RFI 021e (HDR 2019g) indicates that there would be four stages of RO. Please provide an updated schematic indicating the four RO stages, or an explanation of the discrepancy. 2. PLP (2019d) Figure 4-4 is a schematic of WTP #2 in closure phase 1. A revision was made to this WTP in RFI 021e Addendum (HDR 2019h) to change the first stage of RO to a nanofiltration step. Please provide an updated version of this figure showing that change. <p>References:</p> <p>HDR. 2019g. Pebble Water Treatment Plant Engineering - RFI 021e Responses. Memo to Pebble Limited Partnership. November 11,</p> <p>HDR 2019h. Pebble Water Treatment Plant Engineering - Closure Phase 1 Addendum. Prepared for Pebble Limited Partnership. December 19.</p> <p>PLP. 2019d. Pebble Project Description, POA -2017-271. Revised December 19, 2019.</p> <p>PLP 2019-RFI 021e. Water Treatment Plant Update. November 12.</p> <p>PLP 2019-RFI 021e Addendum. Water Treatment Plant Update. December 19.</p>

Recipient Response Form

Date Received from USACE:	Click here to enter text.
Response from Recipient (Describe Information Requested to the Level of Detail Requested; Provide Attachments as Needed):	Please see attached PowerPoint file.
List Number and Type of Response Attachments:	Pebble WTPs Figure Corrections 20200406.pptx
Date Returned to USACE:	Click here to enter text.

AECOM Intake Form

Date Response was Received:	4/7/2020
Received by:	AECOM
Describe any Follow-up Related to this RFI:	Click here to enter text.

Delete these when rfi ready for review; not nec and confusing to mix our fig nos in

Section or Chapter Name	Subsection, Figure, or Table Name	Page #	Comment/Issue	Recommendation/Action
K4.18 Water & Sediment Quality Appendix	K4.18.2 Water Treatment	K4.18-51	Regarding: "Concentrated reject brine from the fourth stage of RO would be blended with pyritic tailings and pumped to the pyritic TSF." "Figure 2-11 provides a schematic of key water treatment processes to be employed in WTP #1 during mining operations."	Figure 2-11 shows only 3 stages of RO. We recommend revising this discrepancy in the FEIS.
K4.18 Water & Sediment Quality Appendix	K4.18.2 Water Treatment	K4.18-52	Regarding: "with the exception that the first stage of RO would be replaced by a nanofiltration step (HDR 2019h; PLP 2019-RFI 021e addendum)" and "Figure 2-13 provides a schematic of key water treatment processes to be employed in WTP #2 during closure phase 1."	We recommend updating Figure 2-13 to show the nanofiltration step instead of RO for the 1st stage.

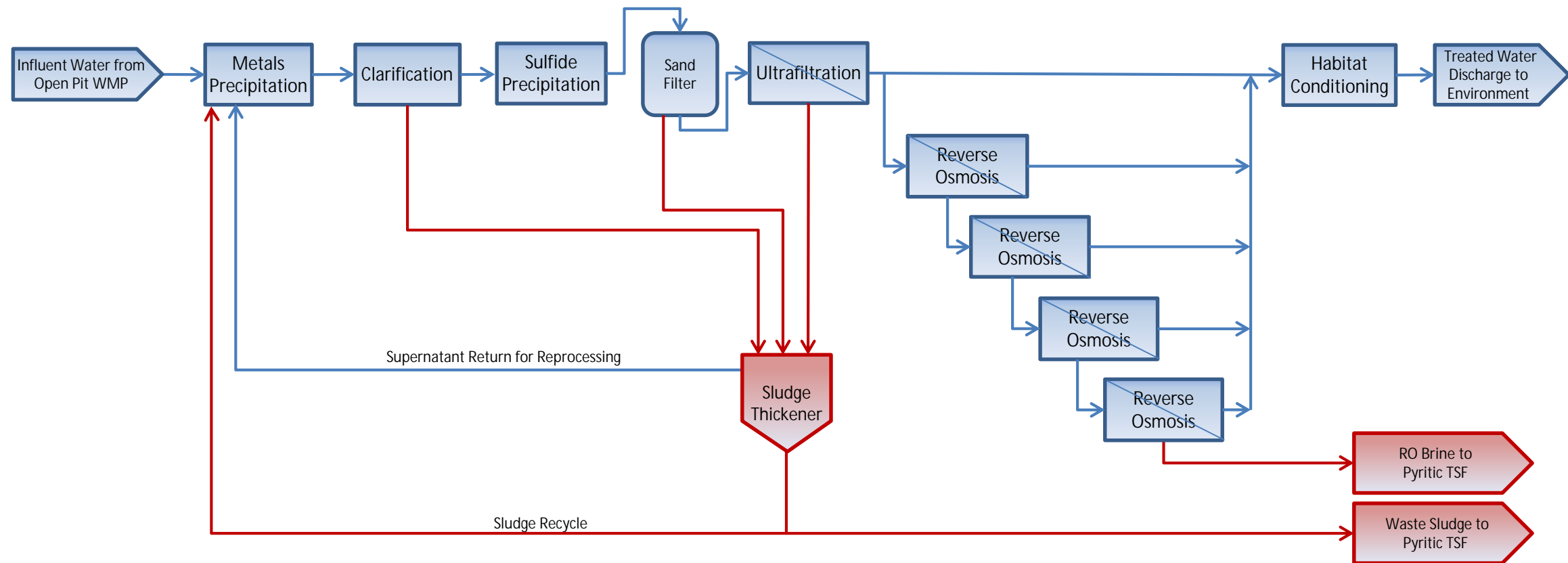


Figure 4-2: WTP#1

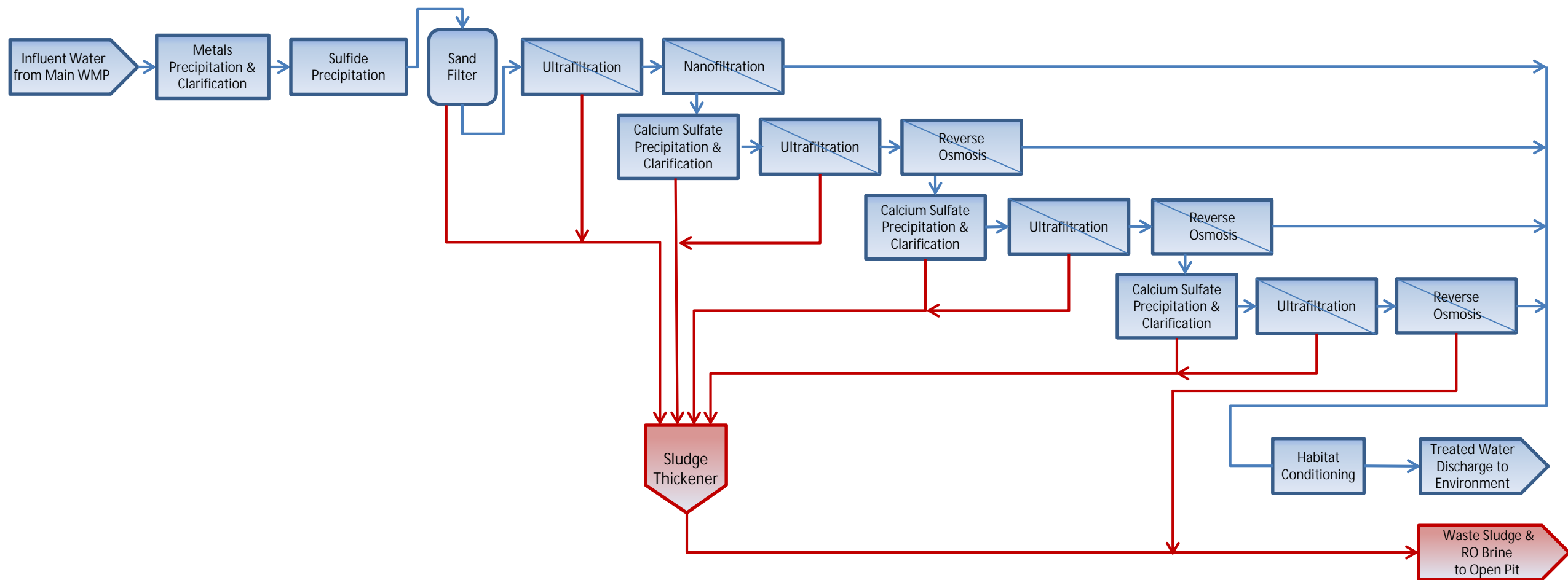


Figure 4-4:
WTP#2 – Closure Phase 1