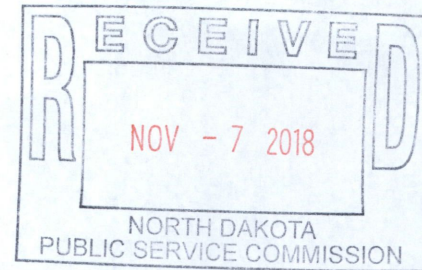




November 2, 2018

Mr. Patrick Fahn  
Public Service Commission  
600 E. Boulevard, Dept. 408  
Bismarck, ND 58505-0480



RE: PU-18-369 Jurisdictional Review  
WPX Energy Williston, LLC – Twin Buttes Pipeline Project  
Schematic Drawings

Mr. Fahn,

In support of the Jurisdictional Determination request previously filed by E3 Environmental, LLC (E3), on behalf of WPX Energy Williston, LLC, the attached schematic drawings have been prepared to facilitate the Public Service Commission's (Commission) review. As noted in the original filing, the request is for a proposed pipeline system comprised of three individual pipelines that would transport produced water, well-head gas, and crude oil.

Schematic drawings have been prepared for each commodity system and the related above ground components associated with the commodity. Additionally, for the purpose of this review, the scenario depicted in the drawings reflect the routing of these systems on various types of parcels that include private, reservation or other lands held in tribal interest.

As discussed, we are seeking a Jurisdictional Determination for each commodity pipeline system. Secondly, for those systems for which all or part would come under the purview of the Commission, we request an explanation providing the basis for the determination and a delineation of the Commission's authority along the systems as depicted in the drawings.

In closing, we also request that the Commission reflect upon the how the Commission's authority may or may not be affected by reservation lands or other parcels held in tribal interest as illustrated by these scenarios.

Respectfully,

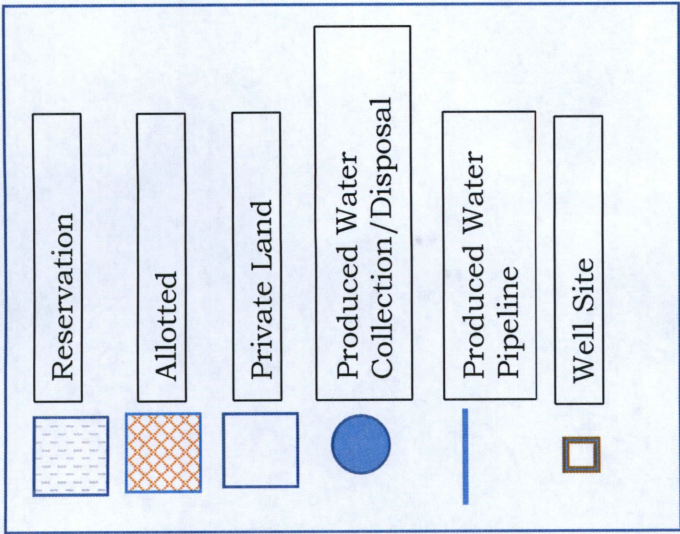
A handwritten signature in blue ink that reads 'William F. McCarthy'.

William F. McCarthy, CWB  
E3 Environmental, LLC

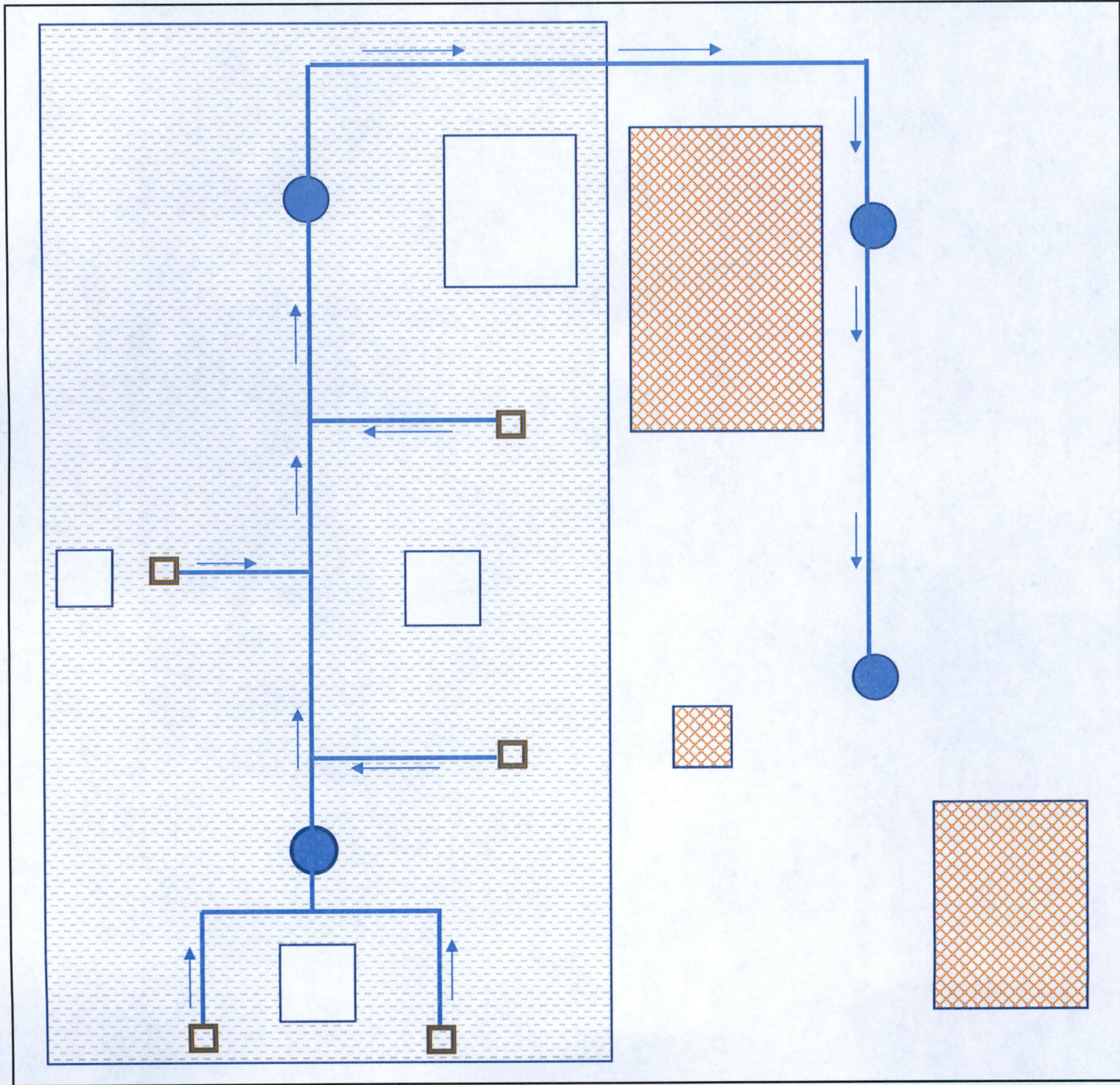
Attachments: Schematic Drawings

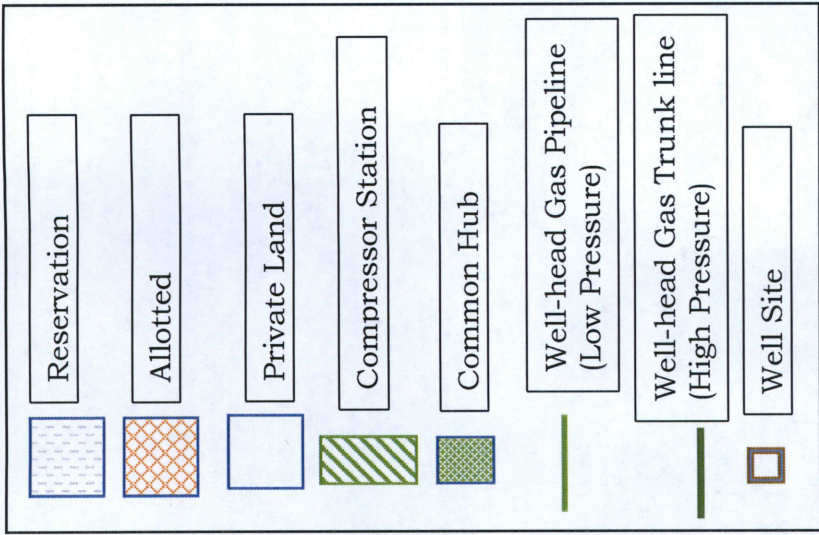
cc: Mike Cook, WPX Energy  
Megan Lindquist, WPX Energy

2 PU-18-369 Filed 11/07/2018 Pages: 4  
Jurisdictional determination supporting documents  
E3 Environmental, LLC  
William McCarthy, CWB



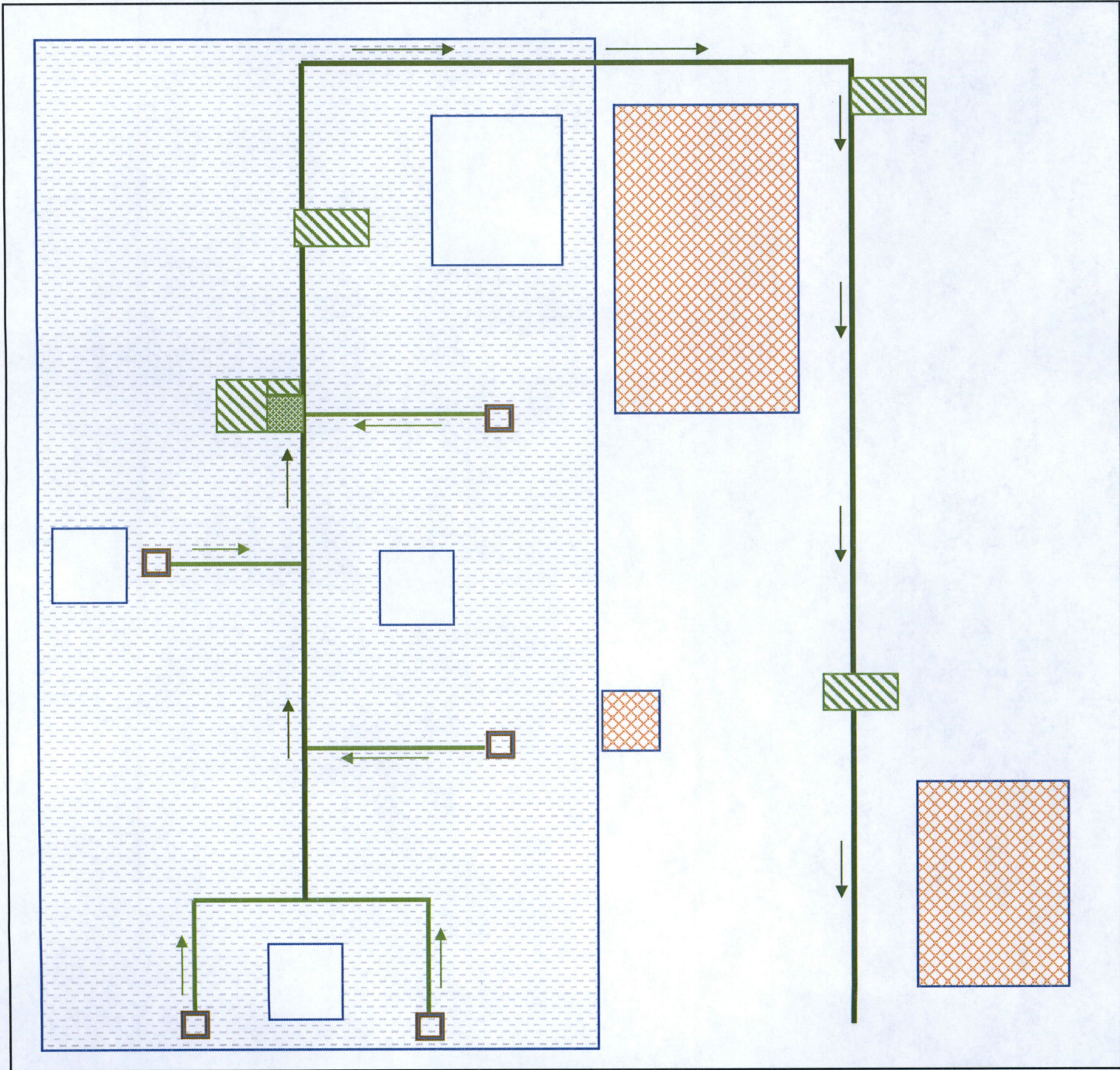
Produced water would be gathered by a pipeline collection system and delivered to a central collection point within the system. The transportation of produced water from the well site(s) and or central collection points, to disposal facilities, would utilize various means including pipeline and/or tanker truck.

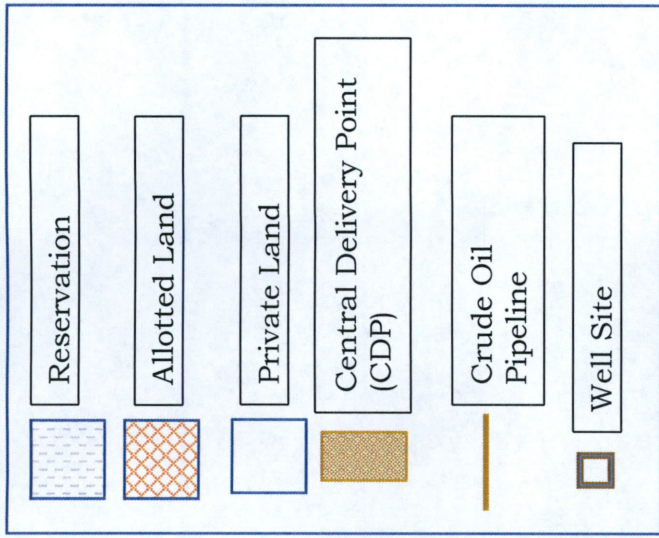




Well-head gas would be gathered along a gathering system (typically low pressure) and delivered to a common hub. Downstream of the hub, a single trunk line (typically high pressure) that would be aided by compression, would deliver well-head gas to a third-party receipt point for further transport or processing.

Note: Final project design may include one or multiple compressor station(s) at locations TBD.





Crude oil would be gathered along a collection system (low pressure) and delivered to one or more Central Delivery Points (CDPs) where it would be staged for downstream transportation. A CDP is typically comprised of aboveground storage tanks. Downstream transport from a CDP may utilize a combination of surface transport (e.g., truck or rail) or pipeline. Typically, delivery from a CDP via pipeline requires the addition of a pump to achieve the required pipeline pressure to assure flow.

Note: The final design may include one or multiple CDP(s) at locations TBD.

