



August 23, 2019

Stephen Rodriguez, Planning Supervisor
City of Aurora Planning Department
15151 E. Alameda Parkway, Ste. 2300
Aurora, CO 80012

RE: Initial Submission Review – Rush South (Phase 2) – Oil and Gas Permit
Application Number: DA-2012-03
Case Number: 2017-6005-04

Dear Mr. Rodriguez:

CVL Consultants of Colorado, Inc. has considered comments from City of Aurora Planning Department, other City of Aurora Departments and Agencies, and Xcel Energy, for the referenced project. We have restated the comments below and addressed them per the italicized responses.

SITE PLAN COMMENTS

1. Site Plan (Multiple Departments)

1A. Comment: Delete the Conditional Use in the title block. Show the location of any future LACT building on the appropriate phase sheet. (Planning)

Response: Completed.

1B. Comment: Include the Landscape Plan as part of the Site Plan set. Please verify that there is not a residential building unit constructed within 1,500 feet of the Rush South well pad site. (Planning)

Response: Completed.

1C. Comment: List the quarter-section in the title block. (Real Property)

Response: Completed.

1D. Comment: Show all easements on site.(Real Property)

Response: All easements are shown on page 2 of the Site Plan.

1E. Comment: Clearly show all lot lines of your pad site with measurements. (Real Property)

Response: Completed.

1F. Comment: Show the location of any potential buildings, I.E. LACT Building, etc. (Real Property)

Response: Completed. Shown on Production plan.

1G. Comment: Left turn auxiliary lane is required on Jewell Ave into the Site Access. (Traffic)

Response: Turn lane only required during completions if water is trucked. It is anticipated that water will be transported via lay flat license if City will provide License Agreement.

1H. Comment: Show the 500' setback to the Prairie Water's 60" transmission line. If setbacks can't be met, then a vibration analysis is required to ensure drilling will not impact Aurora Water's existing infrastructure. (Aurora Water)

Response: Vibration Analysis was provided and Marshall Brown approved setback of 350 feet on all sites moving forward via email dated June 21, 2019.

1I. Comment: A profile is required for the site access roadway showing clearances to Aurora Water's utilities. (Water)

Response: No new road construction will be built over the Prairie Water line.

1J. Multiple comments on turning templates, which may result in additional pavement needed at Site access to Jewell Ave, intersection of Jewell Ave & Watkins Rd. (Traffic)

Response: Turn lane only required during completions if water is trucked. It is anticipated that water will be transported via lay flat license if City will provide License Agreement.

Sheet 1

Comment: Advisory Comment: As part of an initial evaluation of Item 14 of the OA, specifically the Emergency Response Plan, the Operator will provide needed funds to Aurora Fire Rescue for the purchase of firefighting foam, fire apparatus and firefighting equipment as needed. It is the City's intent to have this cost analysis you as soon as possible. Please work with the City of Aurora Fire Rescue Office of Emergency Management to ensure that site firefighting needs and requirements are addressed and memorialized during this site review process. Please contact your assigned COA ODA project coordinator initiate this process by scheduling a meeting with Aurora Fire/OEM and the Planning Division. The Office of Emergency Management contact: 303-739-7636 (phone), 303-326-8986 (fax), or (email) afd_oem@auroragov.org, Attn. Chief Chapman.

Response: Acknowledged. Applicant hosted a meeting with Aurora Fire and also provided a tour of our facilities. Applicant and Aurora Fire will be conducting joint drills and will continue direct dialogue between Applicant and Aurora Fire.

Comment: Provide an additional site plan note stating the Operators understanding and acceptance of the previously stated requirements.

Response: This is not necessary. The OA is a legally binding contract and we will abide by its terms.

Comment: Add the following note to satisfy the current requirements: The Operator will provide all maintenance associated to the access road and pad site in order to maintain emergency access for the life of this well site, Sheet 2.

Response: This is not necessary as it is covered in the Road Maintenance Agreement. The Road Maintenance Agreement is a legally binding contract and we will abide by its terms.

Sheet 3

Comment: Are you intending on dedicating this access road as a fire lane easement? If not, please label as a fire access road.

Response: The cross section for the access road is labeled with a 23' wide fire lane. The access road will also function as a fire access road.

Sheet 5

Comment: Please show and label the gating systems. Make sure to include width, operating mechanism and Knox hardware in the label.

Response: Shown on sheet 3.

Comment: Please provide additional information regarding this tank. Identify gallonage, tank, etc.

Response: Completed.

Comment: Please provide additional information regarding the portable water tanks. For example, Pumping capacity/GPM, Type, Elevated, Feed discharge connection, etc.

Response: Completed.

Sheet 6

Comment: Please label gating system.

Response: Shown on sheet 3.

2. Vicinity / Context Map (Planning)

2A. Comment: In addition to the Cover Sheet, please show these on a separate sheet as part of the Site Plan set.

Response: The information required is provided on the cover sheet.

3. Interim Reclamation Plan (Planning)

3A. Comment: Include this sheet into your Site Plan set.

Response: Completed.

4. Visual Mitigation Plan

4A. Comment: N/A

Response: Acknowledged.

5. Landscape Plan

5A. Sheet 1 of 5 Landscape Plan (Phase 1) (Planning/Landscape):

Comment: Remove the signature and seal as the city does not review landscape construction drawings and therefore does not require nor need a stamped set of plans.

Response: Completed.

Comment: Add "Phase 1" to the Landscape Plan title.

Response: Completed.

Comment: Include the oil and gas structures in the landscape plan.

Response: Phase 1 plans have already been approved by the City of Aurora and are for reference purposes only.

5B. Sheet 2 of 5 Plant Schedule and Details (Planning/Landscape):

Comment: Add additional language to note 16 as shown on the plan sheet.

Response: Completed.

Comment: Update the tree size to 2.5".

Response: Completed.

Comment: Change planting note number 9 to incorporate the following language "but shall be in general conformance with the approved landscape plan".

Response: Completed

Comment: Change planting note number 16 to read as follows: Pursuant to the operator agreement, the operator shall implement the landscape plan when a residential building unit is constructed within 1,500'

of a well site and once the operator has reasonable access to City main water source that is within 400' of the well site.

Response: Completed.

5C. Sheet 3 of 5 Landscape Plan (Phase 1 and 2 Reclamation) (Planning/Landscape):

Comment: Include the oil and gas structures.

Response: Completed.

5D. Sheet 4 of 5 Landscape Plan (Phase 1 and 2 Reclamation) (Planning/Landscape):

Comment: Include the oil and gas structures.

Response: Completed.

5E. Sheet 5 of 5 Plant Schedule and Details (Planning/Landscape):

Comment: Add additional language to note 16 as shown on the plan sheet.

Response: Completed.

5F. Comment: Use COA PROS seed mix – Diverse Mixed Grass Prairie Mix for all reclamation and native seeding. (PROS)

Response: Completed.

5G. Comment: Install opaque fence where well pad site is adjacent to Triple Creek regional trail corridor. (PROS)

Response: Wildlife fence is opaque.

5H. Comment: Work with PROS to refine plant palette where adjacent to Regional Trail corridor (PROS)

Response: Completed.

6. Lighting Plan (Planning)

6A. Comment: All lighting must be full cut-off and downcast.

Response: See attached Lighting Plan

6B. Comment: Provide a cut sheet detail of the proposed fixture, and add the associated details to the Lighting Fixture Schedule box on Sheet PH-1 (Planning)

Response: All lighting is transient and temporary and therefore, pictures have been provided in the Lighting Plan. See page 15 and 16 in Site Plan.

6C. Comment: Combine as a separate sheet to the Site Plan set.

Response: Completed.

7. Building and Structure Elevations (Planning)

7A. Comment: Add elevation sheet(s) for all structures, LACT building / living quarters and offices, with dimensions and keyed material, as applicable, to the overall Site Plan set. (Planning)

Response: The LACT structure is not inhabitable. The living quarters and offices are all temporary and pictures are included in the Site Plan.

LETTER OF INTRODUCTION COMMENTS

8. Project Summary (Planning)

8A. Comment: Detail the permanent equipment as identified in the PHA-HAZOP analysis.

8B. See comment 14A below.

Response: Security at this remote location is a gate at the access road and fencing as depicted on the

Site Plan. *In addition, all of applicant's locations are monitored remotely as well as by local personnel.*

9. Applicable BMPs Addressed (Narrative Compliance List) (Planning)

9A. Comment: Please provide *site-specific* details in the resubmittal. Include this as a separate document. *Do not* just refer to plan notes. Overlooked BMPs include, but are not limited to (Planning):

- Burning
- Class II Underground Injection Control Wells
- Cultural and Historical Research Protection
- Discharge Valves
- Electric Equipment
- Flowlines
- General Maintenance
- Low Profile Tanks
- Notifications to the City (Steve Rodriguez at srodrigu@auroragov.org is preferred)
- Reduced Emission Completions
- Tree Mitigation
- Water Supply
- Wellbore Integrity and Aquifer Protection

Response: *All of these BMPs are agreed to in the Operator Agreement (Exhibit C). This is a legally binding contract and we will abide by its terms. In addition, see attached Operations Plan.*

10. Neighborhood Meeting Schedule / Results / Comments (Planning)

10A. Comment: Neighborhood comment: Aimee Potter (resident) - *This is irresponsible of Aurora to approve more wells in this community. There will be lasting policy ramifications and these wells interfere and affect the health and safety of residents, communities, and animals. Additional studies need to be completed before any additional wells are approved. This is not a democratic process and community members are excluded from the decision-making process.*

Response: *An Open House was held on August 6th and the results of that Open House were sent to Mayor Legare on August 12th.*

10B. Comment: Please provide the results of your August 6, 2019 meeting that included the Rush South well pad proposal. (Planning)

Response: *As stated in the email to Mayor Legare, this Open House was held for all 10 of the locations outlined in Schedule 2 of the Operator Agreement. Invitations were sent to 966 people and only 15 people attended the Open House. Comments received were all positive.*

11. Response to Pre-Application Notes (Planning)

11A. Comment: Provide an Initial Review Comment Response letter with your resubmittal. (Planning)

Response: *This letter serves as the Initial Review Comment Response letter.*

OPERATIONS PLAN COMMENTS

12. Operations Plan (Planning)

12A. Comment: Add the Reduced Emissions Completion rules to the Operations Plan, and list them (Planning)

Response: *Acknowledged and is addressed on page 7 of the Operations Plan.*

12B. Comment: Add the section on Combustion Devices from the Air Quality Plan to the Operations Plan too (Planning)

Response: Acknowledged and is addressed on page 9 of the Operations Plan.

12C. Comment: Address the following BMPs in the Operations Plan. If some of this information is provided in the Executive Summary then pull it out of the Summary and include it in the Operations Plan. (Planning):

- Automatic Safety Protective Systems and Surface Safety Valve
- Burning
- Containment Berms
- Cultural and Historical Resource Protection
- Discharge Valves
- Electric Equipment (Production Phase)
- Maintenance of Machinery
- Mud Tracking
- Odor
- Removal of Debris
- Trailers
- Low Profile Tanks
- Plugged and Decommissioned Well Testing
- Reclamation (regarding concurrent submission to the City of a final reclamation plan)
- Removal of Equipment (regarding removal within 30 days, and no permanent storage of removable equipment)
- Wellbore Integrity and Aquifer Protection (regarding continuous column of surface casing cement, production casing, and integrity testing and monitoring)
- Transportation and Storage of Fluids (regarding non-potable water for hydraulic fracturing transported by temporary above-ground water lines, the number/construction of permanent tanks and associated shutdown devices, valves/drip buckets and direction of vapor, and third-party trucking contractors' HSE policies/training/environmental program/incident notification/reporting/investigations/bonding/vapor return lines/transfer trucks)

Response: All of these BMPs are agreed to in the Operator Agreement (Exhibit C). This is a legally binding contract and we will abide by its terms. In addition, see attached Operations Plan.

13. Project Development Schedule (Planning)

13A. Comment: This is acceptable as submitted.

Response: Acknowledged.

14. Security Plan (Planning)

14A. Comment: List any security plan features other than fencing and gating. You can submit this in your Executive Summary or the Operations Plan.

Response: As a result of the remote location of this project, there are no additional security features other than fencing, gating, monitoring remotely as well as monitoring by Applicant's field personnel.

Decommissioning / Final Reclamation Plan (Planning)

15A. Comment: Please combine this into your Site Plan set.

Response: The “Final Reclamation” of the well site is dictated by multiple documents, including COGCC Regulations, any Conditions of Approval associated with the City permits, the Surface Use Agreement and/or Oil and Gas Lease. This is addressed in more detail in the Operations Plan.

EMERGENCY RESPONSE PLAN COMMENTS

16. Emergency Response Plan (Building/Life Safety)

16A. Page 7

Comment: Question: Does the level of tiered response directly correlate to the plan development?

Response: Please see the newly revised ERP. The previous ERP that was submitted was an internal document that was shared with the City. The ERP that has been resubmitted has been revised and redacted to streamline pertinent information.

Comment: Question: Will Tier II and III individualized be submitted?

Response: Please see the newly revised ERP. The previous ERP that was submitted was an internal document that was shared with the City. The ERP that has been resubmitted has been revised and redacted to streamline pertinent information.

Comment: Advisory note: The provided links are inaccessible by COA staff.

Response: The links in the Emergency Response Plan (“ERP”) are internal documents and not available for public consumption. The previous ERP that was submitted was an internal document that was shared with the City. The ERP that has been resubmitted has been revised and redacted to streamline pertinent information.

Page 18

Comment: Advisory Comment: Advisory Comment: As part of an initial evaluation of Item 14 of the OA, specifically the Emergency Response Plan, the Operator will provide needed funds to Aurora Fire Rescue for the purchase of firefighting foam, fire apparatus and firefighting equipment as needed. It is the City's intent to have this cost analysis you as soon as possible. Please work with the City of Aurora Fire Rescue Office of Emergency Management to ensure that site firefighting needs and requirements are addressed and memorialized during this site review process. Please contact your assigned COA ODA project coordinator initiate this process by scheduling a meeting with Aurora Fire/OEM and the Planning Division. The Office of Emergency Management contact: 303-739-7636 (phone), 303-326-8986 (fax), or (email) afd_oem@auroragov.org, Attn. Chief Chapman. Provide an additional site plan note stating the Operators understanding and acceptance of the previously stated requirements.

Response: Applicant met with Aurora Fire on August 13th and also provided a field tour. These items were discussed and agreed that additional meetings would be scheduled to determine what equipment would be the most advantageous to Aurora Fire given equipment that has been provided to other fire departments in the surrounding community.

Comment: 2.8 Wildfire/Forest Fire Checklist is missing the activation of 911 emergency services. Is there reason why the activation of 911 has been omitted from some of the emergency checklists?

Response: Applicant's first response is always to call 911. The ERP has been revised.

Comment: Aurora LEPC will need to be added to the local contacts. Heather McDermott is no longer the Adams County LEPC point of contact. Provide updated and verified contact information.

Response: *Matt Chapman (Aurora LEPC: 303-326-8963 and 303-906-4423) has been added and the Adams County LEPC is Michael Bean 720-523-6602 who has also been added to the ERP.*

17. PHA-HAZOP Analysis (Building/Life Safety)

17A. Comment: The PHA-HAZOP portion of the site plan submittal shall be signed & stamped by a Professional Engineer.

Response: *Pursuant to Section 44 of Exhibit C to the Operator Agreement between the Applicant and City of Aurora, a Professional Engineer stamp is not required. The requirement is as follows:*

“ . . . The Operator shall provide a letter that the engineer of record has incorporated all applicable PHA-HAZOP recommendations in the design.”

The letter that was provided by Mike Mead meets this requirement in the Operator Agreement. Mike is an employee of the Operator and represents that the engineer of record has incorporated all applicable PHA-HAZOP recommendations in our design.

COMMENTS ON OTHER REQUIRED ITEMS

18. Traffic Letter / Plan (Traffic)

18A. Comment: See comments on Traffic Letter. Multiple items identified in BMP 27 were missing. (Traffic)

Response: *Completed.*

18B. Comment: Eastbound Left turn auxiliary lane on Jewel Ave into Site Access is a requirement. Tapers shall comply with City Standards and the CDOT SHAC. (Traffic)

Response: *A westbound left-turn is not required. The SHAC threshold for a westbound left-turn turn lane on E. Jewell Avenue for a 40 mph posted speed limit is greater than 25 PCE vehicles per hour - this threshold will not be exceeded by site traffic. If required by the City, the length in the SHAC for 40 mph is vehicle storage plus tapers so 150 feet for the lane (storage for two trucks) plus a 144-foot transition taper (12:1 taper rate) and a 40:1 redirect taper.*

19. License Agreements (Real Property)

19A. Comment: License Agreement required for access.

Response: *This is in process and will be provided upon receipt from the City.*

20. Recorded Surface Use Agreement (Planning)

20A. Comment: Staff is in receipt of the Amended and Restated Surface Use Agreement which shows the subject property well pad site in the *Coal Creek Reserve Parcel A* exhibit.

Response: *See attached cover sheet to the Surface Use Agreement. The only illegible section in the legal descriptions is Section 20. We attempted to get a better copy from the Recorder's Office and it was the same. This project is in Section 28, so therefore, the illegibility of Section 20 is irrelevant.*

21. Property Owner Authorizations

21A. Comment: See comment 20A above.

Response: *See response to 20A.*

22. Water Delivery Method (Aurora Water)

22A. Comment: Include a plan showing the lay-flat water pipe sizes and alignments.

Response: See Attached Water Delivery Method.

23. Groundwater Quality Monitoring Plan (Aurora Water)

23A. Comment: This is not a complete plan. We require a stand alone document that contains site specific data and includes, at least, a map of the site with identified viable wells for sampling, distances to identified wells, WDIDs, aquifers the wells are screened in, well owners, the priority order given to the wells selected for sampling, the rationale on how priority was assigned, the status of well on file, and a Professional Engineer or Professional Geologist signing off on the plan as acceptable and sufficient for monitoring the adjacent O&G operations, in addition to what was provided in the recent Rush South Submittal. (Water)

Response: See Attached REVISED Groundwater Quality Monitoring Plan and supporting site specific documents.

23B. Comment: Having reviewed the one well recommended to monitor the Rush South site, Well Permit No. 251833 is an unsuitable well to monitoring groundwater quality around the Rush South Pad site. A single landfill monitoring well at alluvial depth, 1990 feet away upgradient of the pad site is not an appropriate place to measure groundwater quality and would not allow ConocoPhillips to collect a representative sample. (Water)

Response: See Attached REVISED Groundwater Quality Monitoring Plan and supporting site specific documents.

24. Fugitive Dust Suppression Plan (Aurora Water)

24A. Comment: If possible, please describe what “reasonably available control technology” you would employ as expressed within paragraph 2. Would this be spraying with water or magnesium chloride, etc.?
(Water)

Response: See Attached Fugitive Dust Plan.

24B. Comment: Please include other best management practices that will be used on site to control fugitive dust (i.e., speed controls, construction curtailment during a specific high-wind scenario, etc.)
(Water)

Response: See Attached Fugitive Dust Plan.

25. Fluid Disposal Plan (Aurora Water)

25A. Comment: This plan is lacking significant detail. For instance, at which approved facility will the produced water be disposed? How many tanker trucks do you anticipate being necessary to remove the produced water from the site and how often would they be on site. What about handling of the water used within the hydraulic fracturing process? Where and how will it be disposed? How will the drilling mud be disposed and by what means? How is the drilling mud captured on-site? How will spills be managed and disposed (in accordance with the SPCC plan)? Has the site developed an SPCC plan? If so, that should be included in the disposal plan. Are there any other fluids stored on site? If so, how are they managed and disposed? Again, the plan needs to have sufficient detail to address who, what, when, where and how.
(Water)

Response: See Attached Waste Management Plan.

26A. Comment: Include facility names, addresses and volumes for the waste water disposal locations. Identify deep water injection well locations to be used for disposal. (Water)

Response: See Attached Waste Management Plan.

26. Water Use Plan CDPHE Reg. 84

26A. Comment: N/A

Response: Acknowledged.

27. Weed Control Plan (Aurora Water and PROS)

27A. Comment: This plan is still lacking in detail and should minimally address the four W's.....who, what, when and where and if necessary, how it is being applied. For instance, how often will the bare ground weed control be applied (i.e., once per year, twice per year, etc.)? Depending upon frequency what time of year will it be applied? At the beginning of the growing season? In addition, how often will the selective weed control be applied or will it merely be applied as needed? Finally, who will be applying the weed control? Will it be done by the contractor or by on-site personnel? Will it be applied by a certified pesticide/herbicide applicator?

Response: See attached Weed Control Plan.

27B. Comment: PROS - The Weed Control Plan is primarily a listing of products and materials with applicable data sheets. What's missing is an actual weed control plan detailing dates, times, frequencies of application, etc for the purpose of actually managing weeds for the well pad site in question. Provide more detailed information that may be reviewed by COA PROS as an actual plan. PROS will provide comment following revisions.

Response: See attached REVISED Weed Control Plan.

27C. Comment: Please address the Flammable Material BMP in the Plan. (Planning)

Response: See attached REVISED Weed Control Plan.

28. Wildlife Impact Mitigation Plan (PROS)

28A. Comment: Show the ½ mile buffer radius around the well pad sites.

Response: See attached REVISED Wildlife Assessment

29. Stormwater Management Plan (Public Works)

29A. Comment: This document will be reviewed and commented on by the standard SWMP Review team via upload through the separate Public Works portal; please coordinate with Public Works to utilize that portal if you haven't already.

Response: Acknowledged.

30. Preliminary Drainage Report / Letter (Public Works)

30A. Comment: This document will be reviewed and commented on by the standard SWMP Review team via upload through the separate Public Works portal; please coordinate with Public Works to utilize that portal if you haven't already.

Response: Acknowledged.

31. Road Maintenance / Construction (Planning and Public Works)

31A. Comment: Please follow the approved Road Maintenance Agreement which is specific for this site. It references in part visual surveys, repair obligations and bonds.

Response: Acknowledged.

32. Air Quality Plan (Staff)

32A. First Submission as a Generic Field-Wide Plan

Comment: Double-check all wording and sentence structure for clarity and completeness.

Response: See attached REVISED Air Quality Plans (Fieldwide and Site Specific) based on meetings

Applicant's Environmental Group had with Sean Lieske and the Water Department.

Comment: Provide a table of targeted compounds and include methane .

Response: See attached REVISED Air Quality Plans (Fieldwide and Site Specific) based on meetings Applicant's Environmental Group had with Sean Lieske and the Water Department.

Comment: List applicable federal, state, and local laws and regulations with which you must comply, and which you reference throughout the document.

Response: See attached REVISED Air Quality Plans (Fieldwide and Site Specific) based on meetings Applicant's Environmental Group had with Sean Lieske and the Water Department.

Comment: Provide the contact information of your third-party emissions monitoring company, and provide the name of the company that will audit the Plan (or list as an internal audit if applicable).

Response: See attached REVISED Air Quality Plans (Fieldwide and Site Specific) based on meetings Applicant's Environmental Group had with Sean Lieske and the Water Department.

Comment: Indicate how often the audits will occur (what is "regular basis"?), and ensure that the City will be given copies of audit reports.

Response: See attached REVISED Air Quality Plans (Fieldwide and Site Specific) based on meetings Applicant's Environmental Group had with Sean Lieske and the Water Department.

Comment: Be clear as to where the electric line power is coming from, note where the pad for the rig and diesel engines will be located on the site, and correct the contradiction between the first two bullet points under 6.1 (the first bullet states that electric power is available, while the second bullet point makes it sound as though electrical infrastructure is not available yet).

Response:

See attached REVISED Air Quality Plans (Fieldwide and Site Specific) based on meetings Applicant's Environmental Group had with Sean Lieske and the Water Department.

Comment: List a City point of contact for all Air Quality Plan communications; Steve Rodriguez at srodrigu@auroragov.org is preferred.

Response: See attached REVISED Air Quality Plans (Fieldwide and Site Specific) based on meetings Applicant's Environmental Group had with Sean Lieske and the Water Department.

Comment: How often will operational staff visit the site with a personal gas detection monitor for informal leak detection? What is the trigger? Is this different than the weekly field inspections per CDPHE compliance?

Response: See attached REVISED Air Quality Plans (Fieldwide and Site Specific) based on meetings Applicant's Environmental Group had with Sean Lieske and the Water Department.

Comment: Be precise about which air emission reduction measures will be utilized during Ozone Air Quality Action Days, and who determines the feasibility of the implementation.

Response: See attached REVISED Air Quality Plans (Fieldwide and Site Specific) based on meetings Applicant's Environmental Group had with Sean Lieske and the Water Department.

Comment: What is the alert level threshold for pollutant concentrations? The City should be added as a recipient of alerts when targeted/monitored compounds exceed pre-determined, acceptable levels.

Response: See attached REVISED Air Quality Plans (Fieldwide and Site Specific) based on meetings

Applicant's Environmental Group had with Sean Lieske and the Water Department.

Comment: Provide your internal action plans with tasks at second submission.

Response: See attached REVISED Air Quality Plans (Fieldwide and Site Specific) based on meetings Applicant's Environmental Group had with Sean Lieske and the Water Department.

32B. Second Submission to Add a Site-Specific Section

Comment: Provide a table of targeted compounds and include methane.

Response: See attached REVISED Air Quality Plans (Fieldwide and Site Specific) based on meetings Applicant's Environmental Group had with Sean Lieske and the Water Department.

Comment: Detail the establishment of baseline air quality testing within 500 feet of the pad site.

Response: See attached REVISED Air Quality Plans (Fieldwide and Site Specific) based on meetings Applicant's Environmental Group had with Sean Lieske and the Water Department.

Comment: Describe the methods to locate the sampling sites and deploy the sampling technology- rationale and data should include wind direction prevalence, comparative location of site operations, proximity to residential uses, proximity to off-site fueling stations, and possible nearby mobile source activity such as traffic. Upwind and downwind sampling near the well source should be considered and noted.

Response: See attached REVISED Air Quality Plans (Fieldwide and Site Specific) based on meetings Applicant's Environmental Group had with Sean Lieske and the Water Department.

Comment: Describe the location of the sampling sites.

Response: See attached REVISED Air Quality Plans (Fieldwide and Site Specific) based on meetings Applicant's Environmental Group had with Sean Lieske and the Water Department.

Comment: Provide information on the sampling technology- limits of detection, sensitivity, calibration, and other operational parameters.

Response: See attached REVISED Air Quality Plans (Fieldwide and Site Specific) based on meetings Applicant's Environmental Group had with Sean Lieske and the Water Department.

Comment: Outline the frequency and duration of monitoring during all phases of the operation (pad construction, drilling, completion, production, reclamation) and account for seasonal and operational conditions such as wind speed, wind direction, and temperature. Explain how the ambient background data will be distinguished from local pad impacts.

Response: See attached REVISED Air Quality Plans (Fieldwide and Site Specific) based on meetings Applicant's Environmental Group had with Sean Lieske and the Water Department.

Comment: Address continuous monitoring versus periodic monitoring (how often? trigger?), and the duration of sampling events.

Response: See attached REVISED Air Quality Plans (Fieldwide and Site Specific) based on meetings Applicant's Environmental Group had with Sean Lieske and the Water Department.

Comment: Detail the intended quality assurance and quality control procedures for the equipment and data collection that are recognized by the EPA as standard (including data checks or validation, and maintenance).

Response: See attached REVISED Air Quality Plans (Fieldwide and Site Specific) based on meetings Applicant's Environmental Group had with Sean Lieske and the Water Department.

Comment: Explain the method of data communication to the City, including frequency and threshold limits that could require immediate notification.

Response: *See attached REVISED Air Quality Plans (Fieldwide and Site Specific) based on meetings Applicant's Environmental Group had with Sean Lieske and the Water Department.*

Comment: Data communication should include any elevated concentrations of air pollutants that may pose public health risks, and trend identification related to increases/decreases/spikes in concentration or emissions.

Response: *See attached REVISED Air Quality Plans (Fieldwide and Site Specific) based on meetings Applicant's Environmental Group had with Sean Lieske and the Water Department.*

Comment: Tie the air pollutant data to health-based criteria for exposure limits and exceedances of National Ambient Air Quality Standards (NAAQS) or Agency for Toxic Substances and Disease Registry (ATSDR) acute or chronic exposure levels. Explain how you will use this data to evaluate the adequacy of any air pollution control devices and emission reduction measures.

Response: *See attached REVISED Air Quality Plans (Fieldwide and Site Specific) based on meetings Applicant's Environmental Group had with Sean Lieske and the Water Department.*

Comment: State your compliance with EPA and CDPHE standards for emissions, as those standards apply now or future standards.

Response: *See attached REVISED Air Quality Plans (Fieldwide and Site Specific) based on meetings Applicant's Environmental Group had with Sean Lieske and the Water Department.*

Comment: Address the "Odor" BMP in the Air Quality Plan.

Response: *See attached REVISED Air Quality Plans (Fieldwide and Site Specific) based on meetings Applicant's Environmental Group had with Sean Lieske and the Water Department.*

33. Noise Management Plan (Planning)

33A. Comment: Address the Noise Mitigation BMP with respect to adjacency to residential building units (1,320 feet) or high occupancy buildings (1,500 feet) and associated noise mitigation based on site-specific characteristics such as the nature and proximity to nearby development, prevailing weather patterns and vegetative cover and topography.

33B. Comment: Address the third-party contractor, standard equipment and measurement procedure and schedule details per BMP requirements.

Response: *See attached Noise Mitigation Plan.*

33C. Comment: Address the C-Scale noise/vibration measurements and mitigation requirements per the BMP.

Response: *See attached Noise Mitigation Plan.*

34. Application Form

34A. Comment: Staff is in receipt of your customized checklist. We are attaching a new checklist for you to utilize with future submittals.

Response: *Acknowledged.*

35. 1-Mile Radius Abutters List

35A. Comment: Staff is in receipt of this information.

Response: *Acknowledged.*

36. COGCC Forms / 2A

36A. Comment: Please provide this with your next submission.

Response: See attached status of Form 2A.

37. Xcel Energy

37A. Comment: Public Service Company of Colorado's (PSCo) Right of Way & Permits Referral Desk has reviewed the documentation for **Rush South Phase Two**. Please be aware PSCo owns and operates existing underground electric distribution facilities including transformer within the subject property and requests that they are shown on the plans. The property owner/developer/contractor must complete the application process for any new electric service, or *modification* to existing facilities including relocation and/or removal via xcelenergy.com/InstallAndConnect. The Builder's Call Line is 1-800-628-2121. It is then the responsibility of the developer to contact the Designer assigned to the project for approval of design details. Additional easements may need to be acquired by separate document for new facilities. As a safety precaution, PSCo would like to remind the developer to call the Utility Notification Center by dialing 811 for utility locates prior to construction. If you have questions, call Donna George - Right of Way and Permits, Public Service Company of Colorado / Xcel Energy Office: 303-571-3306 – Email: donna.l.george@xcelenergy.com.

Response: Acknowledged.

38. Tri-County Health Department

38A. Comment: See the attached letter.

Response: Acknowledged.

39. Urban Drainage and Flood Control District

39A. Comment: We have no comments on this project as it is not eligible for UDFCD maintenance. The site is under 130 acres, not adjacent to a major drainage way and does not include any master planned improvements.

Response: Acknowledged.

If you have any additional questions, please do not hesitate to contact me directly at 720.249.3539.

Sincerely,

CVL Consultants of Colorado, Inc.



Melinda Lundquist, PE
Senior Vice President