



## Harambe 2920

### Local Government Consultation Summary

A Pre-Application meeting took place on September 1, 2021 to discuss the Harambe 2920. In attendance, Jennifer Teeters and several other representatives with Weld County, John Noto with COGCC, Heather Mitchell, Miracle Pfister and Jeff Berghorn attended for Verdad Resources, Michael Grooms, Chris Mettenbrink and Brandon Marette with CPW.

At the time the meeting Verdad was planning to develop a 960-acre unit including the West half of Section 20 and all of Section 29, Township 2 North Range 64 West. After further review, Verdad expanded the unit to include our Georgene location, Location ID 473534, 1041WOLGA19-002, South half of Section 28 and all of Section 33 Township 2 North Range 64 West, creating a 1920-acre spacing unit. The Georgene location is approved with both weld county and COGCC. These 2 locations will develop the entire proposed unit.

Verdad gave a presentation showing the 3 Alternative Locations and one preferred location. Alternative A is located in the NENE of section 31 T2N R62W; Verdad has an executed SUA in place with the landowner, however this location would require building in a floodplain, so Verdad opted to not utilize this Surface. It is also closer and air strip. Alternative B is located in the SWSW of Section 29, this location is closer to RBUs and the surface owner has plans to expand commercial injection in this location. Alternative C is located NENW of Section 19 T2N R64W. This location is closer to multiple RBUs and Verdad would need an additional location to reach the east half of the unit.

The proposed Harambe location is zoned as agricultural and is located in the Near Urban planning Area. During the course of this meeting, Weld County stated the location would need a retention pond to avoid drainage concerns into the nearby Banner Lakes. The access road discussed in the meeting was to come from the north and head south on CR 51, however after further discussion Verdad suggested the route come from the south. This revised access route was cleared with Weld County and their planning department via email on February 11, 2022 prior to sending out the WOLGLA Notice. The access route is in the floodplain, and the county specified a need to obtain a floodplain permit. Verdad will use as much of existing disturbance to access the location and allow for as little impact to the floodplain as well as further reduction of surface owner's farmland as possible.

At the meeting, CPW requested that Verdad survey the Ordinary Highwater Mark of the No Surface Occupancy- High Priority Habitat to the south. Verdad had mapped the location to be outside of the NSO, but CPW asked that Verdad confirm that the location was greater than 500 feet away. CPW indicated that the buffers always need to be field verified. The initial location prior to the survey, had no RBUs within 2000' of the location. However, when Verdad field verified the OHWM, it required the pad to move further north to maintain adequate distance from the protected waters. This meant more of the landowner's farming pivot was impacted and it brought one RBU into the 2000' radius. CPW also



requested to see the lighting and sedimentation plans. Verdad sent lighting, drainage and stormwater plans to CPW on 4.12.2022. CPW further inquired into potential timing of 24-hour operations.

In an effort to mitigate impacts to the RBU to the North and the HPH to south Verdad will install sound walls on all four sides of the location and situate the wellheads and equipment greater than 2000 from the RBU.

Verdad submitted pre-application notices of WOLGA on February 16,2022 and will submit the WOLGA Application concurrently with the OGDG submittal.

See the attached Pre-meeting minutes and maps from Weld County attached to this summary.

**1041 WOGLA  
PRE-APP MEETING**



Meeting Date:	<b>September 1, 2021</b>
Staff Specialist:	<b>Jennifer Teeters</b>
Location Name:	<b>Harambe 2920</b>
Parcel Number(s):	<b>130532000009</b>
Operator/Applicant:	<b>Verdad Resources LLC</b>
Legal Description:	<b>SW1/4 NE1/4 of Section 32, Township 2 North, Range 64 West of the 6th P.M., Weld County, Colorado</b>
Invitees:	<b>Heather Mitchell, Allison Schieber, Jeff Berghorn (Verdad), John Noto, (COGCC), Michael Grooms, Chris Mettenbring, Brandon Marett (CPW), Staff of the Weld County Public Health and Environment (EH), Staff of the Weld County Public Works Department (PW), and Staff of the Weld County Oil and Gas Energy Department (OGED)</b>

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**NOTES**

This Pre-Application meeting was held on, September 1, 2021. In attendance were Jennifer Teeters, Elisa Kunkel, and other Oil and Gas Energy Department (OGED) Staff, Heather Mitchell, Jeff Berghorn, Allison Schieber (Verdad), John Noto, Kimberly Rogers, Sabrina Trask (COGCC), Chris Mettenbrink, Michael Grooms, and Brandon Marett, Melissa King, Laura Gomez, and Jazmyn Martinez (WCPW).

**\*\*\*Recording\*\*\***

To kick the meeting off, Colorado Parks and Wildlife (CPW) had discussed the High Priority Habitat surrounding the preferred proposed site due to scheduling conflicts. CPW does own minerals to the south of the location however, Jeff Berghorn with Verdad Resources LLC (Verdad) confirmed that these minerals are not going to be impacted with the proposed drilling of Harambe 2920. CPW asked for Verdad to ensure that wetlands will not have any indirect or direct impacts in regard to spill prevention. Berghorn explained the plan to follow the COGCC Spill Prevention Plan during drilling and completions as well as secondary and tertiary containment with above ground containment being steel barriers.

With the location to the south being used for recreational hunting, CPW had requested for a sound wall on the south side of the pad to add a safety barrier which Verdad had agreed to comply with. This sound wall will also decrease impacts to wildlife that could be caused by light and sound during the construction phase.

Along the west side of the parcel is a wetland area where the access to the location is and is situated in the floodplain. CPW would like to see Verdad preserve as much farmland and wetlands as possible and to utilize the existing access road. In doing so, Verdad would help minimize the impacts to the fisheries in the floodplain and 500 foot offset buffer as well as avoid the direct and indirect impact fees in Rule 1202 C.

After back-and-forth discussion, Verdad will work with CPW to have a more defined area map of the HPH and the proposed Oil and Gas Location to see if the site is inside or out of the HPH. Prior to the 2A being filed, Verdad will have a wildlife mitigation plan.

To continue on with the Pre-Application Meeting, Permit and Enforcement Specialist Jennifer Teeters ran through a course of questions addressing each of the alternative sites and the preferred site. This

proposed Location is in the Near-Urban Planning Area, requiring by Code to have a minimum of three (3) alternative sites. Verdad has indicated three (3) alternatives on the Development Area Drawing specific to this Location.

For starters, Location A was brought into the picture which is situated just West of the preferred site. This site is however closer to the home along CR 51. This site also sits in the middle of a Floodplain and would cause some additional Best Management Practices. A SUA had been secured back in 2018 however the landowner was not willing to move the site on their parcel, so the Floodplain was unavoidable. This location is also in the jurisdiction of the Town of Hudson. The applicant has worked with the Town of Hudson in the past and is familiar with their permitting however with more consideration to managing the location in the floodplain, this alternative site is not an idea practice. The Town of Hudson expressed that they were not interested in the location of this site. Lastly, there is a private airstrip owned and operated by the landowner which brought about some concerns.

The second location B is North of the preferred site. This location is also closer to homes and with the Building Units being so close, it was making this site hard to work with. The whole parcel was an ideal location however the surface owner is an Injection Well Company (NGL Water Solutions DJ LLC) and already has plans to expand their site. An SUA was attempted however would not be granted to Verdad.

The final alternative site, Location C is north west of the preferred site on the north west side of the DA, north of I-76. The parcel to the south of this location has a compressor station. This location is located closer to multiple homes to the north east. In addition, this location would only allow for half of the DA to be drilled. The eastern 320 acres would have to be drilled from an additional location creating two disturbance areas.

To finalize the alternative siting analysis, the preferred location to drill 10 wells was the remainder of the discussion and was based around the preferred Harambe 2920 Pad. This location would be the most secluded amongst the alternatives and would use an already existing access point. There is a secured SUA from the Surface Owner. Initially the landowner was not willing to put a well pad in the middle of the pivot however after discussion they have agreed to forgo this pad to secure their operations. Verdad agreed to utilize the exiting access to prevent additional disturbance. This location is the furthest away from building units. The Notification Zone Drawing shows two (2) residential buildings right on the brink of the 2,000 ft COGCC setback. Verdad agreed to follow up with OGED on the distance prior to notice being sent. Verdad expressed that this location would be centered up on the Development area allowing for the operations team to drill wells to the full width of this section.

OGED staff had questions the ability to drill with crossing two (2) injection wells. Verdad elaborating on the coordination and collaboration that would be had with NGL. Injection wells typically go deeper sub surface than the normal oil and gas wells however all necessary communications will be had prior to drilling to ensure anti-collision. In addition, surrounding the proposed Harambe 2920 area are a few Oil and Gas Facilities operated by Crestone Peak (1041WOGLA20-0008 and 1041WOGLA20-0009). Verdad will work with Crestone Peak to ensure simultaneous operations are coordinated for both drilling schedules.

As far as the DSU, the COGCC has not yet approved this but it is being processed. Verdad is proposing for 2 mile laterals on the West side in Sections 29 and 20 and there will be 1 mile laterals on the east side covering Section 29.

This Location is not sited within any geological hazards, MS4, wetlands, or any overlay districts. There are no school facilities or childcare centers within 1,000'. There are zero (0) residential building units within the 1,000' buffer. The nearest BU measures just inside the 2,000 foot COGCC buffer to the north west.

Verdad anticipates for the disturbance area to be 10 acres and to be reclaimed down to approximately 5 acres after interim reclamation with anticipated operations to begin as early as 2023. This location will not have permanent lighting.

Verdad intends to use the existing access road, enter onto WCR 16 then head north on WCR 51 to I-76. There are some building units along the haul route however an RMA will be signed and Verdad will work with any concerns property owners may have.

OGED has asked Weld County Public Works to speak to this proposed location. Their first point of discussion was the access road going through the Floodplain. A Floodplain permit will need to be applied for but did not foresee any additional concerns with the retention/detention ponds. Only thing might not be considered would be that this location is an urbanized area as far as drainage.

Access Permit Technician Laura Gomez noted that the existing access is permanent but was permitted back in 2014 and therefore a full review will be needed conducted when applying for the access in Verdad's name.

Melissa King with Public Works engineering noted that the last time a traffic study was done along the proposed haul route was in 2019. At the time there were 900 cars and trucks a day and about 40% were large semi-sized trucks. Jeff and Melissa had conversation about the numbers from the study on what is average and what is high.

At the end of this meeting OGED always turns the question over to COGCC to see if they had any concerns with Verdad moving forward with this Location. COGCC noted that CPW already discussed HPH with a follow up needed from the two parties to get boundaries identified. In addition, with this proposed location having a building unit within the 2,000 foot buffer Verdad is required to submit ALA.