



**Extraction Oil & Gas, Inc.**

**Draco Pad**  
Alternative Location Analysis

# **INTRODUCTION**

Extraction Oil & Gas, Inc. (Extraction) designed and sited the Draco Pad to allow for midstream connections, remain outside of high-priority habitats, and be located near major transportation corridors to allow for efficient access. Extraction has an executed Surface Use Agreement with the landowner that provides for a mutually agreed upon oil and gas operations area with minimal impact on the existing agricultural use (e.g., cultivated, irrigated crop land). Extraction investigated a total of five (5) locations that were deemed to be technically feasible; the proposed location and four (4) alternative locations. These locations are discussed in more detail below.

## **PROPOSED LOCATION (Tier III-A)**

The Draco Pad is located in the SE4 of Section 21, Township 1 North, Range 68 West and will produce the proposed development area located in Sections 19 & 30 of Township 1 North, Range 68 West and Sections 22, 23, 24, 25, 26, and 27 of Township 1 North, Range 69 West. The location is adjacent to the intersection of County Road 7 and County Road 6 and proximate to the Town of Erie. Based on Extraction's analysis, the following were identified:

### **Advantages**

- In a location that is capable of three phase takeaway (Oil, Gas, Produced Water) and utility power sufficient to power the drilling rig and subsequent facilities.
- Co-Located with similar uses.
- Not located within any Colorado Parks and Wildlife (CPW)-designated High Priority Habitat(s).
- Not located within any Colorado Energy and Carbon Management Commission (ECMC) - designated Disproportionately Impacted Community.
- Not located within a FEMA mapped preliminary or effective floodplain.

### **Disadvantages**

- Less than 2000' from residential building units (RBUs).

### **Potential impacts to public health, safety, welfare, the environment, and wildlife resources**

Since most of the proposed pre-production operations will be greater than 1000' from the nearest RBU, the potential impacts are significantly decreased. The potential impacts to the RBU receptors within 2000' of the location include light, noise, odor, and air emissions that originate from the location. Each of these impacts to RBUs has been addressed through specific mitigation measures intended to minimize or eliminate the impacts to these receptors. It is anticipated that there will be minimal impact to wildlife and environment receptors since the location is proposed outside of high priority habitat and isn't immediately upgradient to any major environmental features including streams, canals, wetlands, or riparian corridors.

### **Permitting Considerations**

Extraction is required to permit this location through the Colorado Energy & Carbon Management Commission (ECMC) via the OGD process. Since informed consents were obtained from all RBUs within 2000' of the working pad surface, Extraction will be permitting the proposed Oil and Gas Location subject to ECMC Rule 604.b.(1). Additionally, Extraction has compiled and submitted the information necessary to demonstrate that the proposed Draco Pad is protective of public health, safety, welfare, the environment, and wildlife resources.

The Relevant Local Government permit has been submitted to Weld County via the 1041 WOGLA process (Docket # 1041WOGLA23-0062) and once approved will be provided to the ECMC to be attached to the OGD. Additionally, Weld County requires a grading permit to be approved prior to the initiation of construction associated with Draco ad.

This location is not proposed on state or federal land and the proposed wellbores will neither penetrate nor pool state or federal minerals.

## **ALTERNATIVE LOCATION #1 (Tier IV-B)**

Alternative Location #1 (AL-1) is located in Section 16, Township 1 North, Range 68 West. The location is adjacent to County Road 8 and proximate to the Town of Erie. Based on Extraction's analysis, the following were identified:

### **Advantages**

- Not Located within any CPW-designated High Priority Habitat(s).
- Not located within any ECMC-designated Disproportionately Impacted Community.

### **Disadvantages**

- Working pad surface would be less than 2000' from residential building units.
- State of Colorado, the parcel owner, is not willing to grant a SUA for this parcel.
- A Large, planned subdivision is in the process of being constructed within 2000' that will substantially increase the number of RBUs after full buildout.
- School Property is just outside of 2000'.
- Would not allow for full development of the proposed development area due to drilling limitations.

### **Potential impacts to public health, safety, welfare, the environment, and wildlife resources**

Since most of the proposed pre-production operations would be greater than 1100' from the nearest RBU, the potential impacts are significantly decreased. The potential impacts to the referenced RBU receptors within 2000' of the location include light, noise, odor, and air emissions that originate from the location. It is anticipated that there would be minimal impacts to wildlife and environment receptors since the location is proposed outside of high priority habitat and isn't adjacent to any major environmental features. Given the immediate proximity of irrigation ditches from the edge of the working pad surface, there is an unlikely potential that an accidental release coupled with the failure or breach of the containment BMPs, could impact the these ditches.

### **Permitting Considerations**

Extraction would be required to permit this location through the ECMC via the OGD process. Since informed consents would likely not be obtained, Extraction would be permitting the proposed Oil and Gas Location subject to ECMC Rule 604.b.(4). and be required to demonstrate this location is protective of health, safety, welfare, the environment, and wildlife resources.

A Weld County 1041 WOGLA permit would need to be obtained from Weld County prior to development. Additionally, Weld County would also require (at a minimum) a grading permit prior to the initiation of construction associated with this alternative location.

While Extraction believes this location could be protective of health, safety, welfare, and the environment this location was ultimately removed as an option due to the increased number of RBUs within 2000', the closer proximity to an existing school, and the inability to develop the entire mineral development area.

The proposed alternative location is proposed on State Land but would not produce state or federal minerals.



## **ALTERNATIVE LOCATION #2 (Tier IV-B)**

The Alternative Location #2 (AL-2) is located in Section 28, Township 1 North, Range 68 West. The location is adjacent to County Road 7 and proximate to the Town of Erie and the City and County of Broomfield. Based on Extraction's analysis, the following were identified:

### **Advantages**

- Not Located within any CPW-designated High Priority Habitat(s).
- Not located within any ECMC-designated Disproportionately Impacted Community.
- Expansion of an existing location.

### **Disadvantages**

- Would not allow for full development of the proposed development area due to drilling limitations.
- Less than 2000' from a substantial number of RBUs.

### **Potential impacts to public health, safety, welfare, the environment, and wildlife resources**

Since most of the proposed pre-production operations would be greater than 1000' from the nearest RBU, the potential impacts are significantly decreased. The potential impacts to the referenced RBU receptors within 2000' of the location include light, noise, odor, and air emissions that originate from the location. It is anticipated that there would be minimal impacts to wildlife and environment receptors since the location is proposed outside of high priority habitat and isn't adjacent to any major environmental features.

### **Permitting Considerations**

Extraction would be required to permit this location through the ECMC via the OGD process. Since informed consents would likely not be obtained, Extraction would be permitting the proposed Oil and Gas Location subject to ECMC Rule 604.b.(4). and be required to demonstrate this location is protective of health, safety, welfare, the environment, and wildlife resources.

An amended Weld County 1041 WOGLA permit would need to be obtained from Weld County prior to the expansion of this location. Additionally, Weld County would also require (at a minimum) a grading permit prior to the initiation of construction associated with the expansion of this alternative location.

While Extraction believes this location could be protective of health, safety, welfare, and the environment, this location was removed as an option because technical limitations would not allow for full development of the proposed development area. This would lead to the need for additional locations, ultimately leading to more impacts to the area.

This location is not proposed on state or federal land and the proposed wellbores will neither penetrate nor pool state or federal minerals.

## **ALTERNATIVE LOCATION #3 (Tier V-A)**

The Alternative Location #3 (AL-3) is located in Section 20, Township 1 North, Range 68 West. The location is adjacent to County Road 6 and proximate to the Town of Erie. Based on Extraction's analysis, the following were identified:

### **Advantages**

- Not Located within any CPW-designated High Priority Habitat(s).
- Not located within any ECMC-designated Disproportionately Impacted Community.

### **Disadvantages**

- Located less than 2000' from a substantial number of RBUs.
- Located less than 2000' from a school.
- Would disturb natural drainage channels.

### **Potential impacts to public health, safety, welfare, the environment, and wildlife resources**

The presence of RBUs within 1000' of the working pad surface increases the likelihood that potential impacts may be perceived by potential receptors. The potential impacts to the RBU receptors within 2000' of the location include light, noise, odor, and air emissions that originate from the location. It is anticipated that there would be minimal impacts to wildlife since the location is proposed outside of high priority habitat. There would be impacts to natural drainage channels that would fall within the disturbance area.

### **Permitting Considerations**

Extraction would be required to permit this location through the ECMC via the OGD process. Since informed consents would likely not be obtained, Extraction would be permitting the proposed Oil and Gas Location subject to ECMC Rule 604.b.(4). and be required to demonstrate this location is protective of health, safety, welfare, the environment, and wildlife resources.

A Weld County 1041 WOGLA permit would need to be obtained from Weld County prior to development. Additionally, Weld County would also require (at a minimum) a grading permit and an access permit prior to the initiation of construction associated with this alternative location.

While Extraction believes this location could be protective of health, safety, welfare, and the environment, this location was removed as an option because of the number of residential building units and school that are located within 2000' of the proposed location.

This location is not proposed on state or federal land and the proposed wellbores will neither penetrate nor pool state or federal minerals.

## **ALTERNATIVE LOCATION #4 (Tier II-A)**

The Alternative Location #4 (AL-4) is located in Section 29, Township 1 North, Range 68 West. The location is adjacent to County Road 6. Based on Extraction's analysis, the following were identified:

### **Advantages**

- Not located within any ECMC-designated Disproportionately Impacted Community.
- Not Located within a CPW-designated High Priority Habitat.
- Greater than 2000' from the nearest RBU.

### **Disadvantages**

- Located adjacent to a superfund location.
- No line of site for permitting with the local jurisdiction.
- Located immediately upgradient of a potential wetland.

### **Potential impacts to public health, safety, welfare, the environment, and wildlife resources**

Since the working pad surface is greater than 2000' from any RBUs, potential impacts to RBUs are significantly decreased. It is anticipated that there would be minimal impacts to wildlife and environment receptors since the location is proposed outside of high priority habitat. Given the immediate proximity of the mapped downgradient wetland from the edge of the working pad surface, there is an unlikely potential that an accidental release coupled with the failure or breach of the containment BMPs could impact the mapped wetland.

Extraction would be required to permit the expansion of this location through the ECMC via the OGD process.

A Town of Erie Oil and Gas Permit application would have to be submitted and approved by the Town of Erie. Additionally, Town of Erie would require (at a minimum) a grading permit and an access permit prior to the initiation of construction associated with this alternative location.

While Extraction believes this location could be protective of health, safety, welfare, and the environment, this location was removed as an option since it is located within the Town of Erie. According to the municipal regulations of the Town of Erie, any exploration or extraction of Oil and Gas must take place on lands that are classified as heavy industrial. However, there are no such lands available within the town boundaries. This effectively prohibits any Oil and Gas activity in the Town of Erie, unless the property is rezoned. The approval of this rezoning application is unlikely since the property is adjacent to a residential zoned area. Therefore, since there is no line of site on permitting within the Town of Erie, this location was eliminated as a potential alternative.

This location is not proposed on state or federal land and the proposed wellbores will neither penetrate nor pool state or federal minerals.

# Boulder County and Town of Erie Alternative Locations

Extraction conducted an alternative location analysis to find areas that could comply with the local regulations within the Town of Erie and Boulder County. However, the analysis did not identify any locations that were technically feasible and permittable within these jurisdictions.

## ALA Summary

The Draco Pad proposed location was selected because it develops the entirety of the proposed OGDG minerals while maximizing the protections for public health, safety, welfare, the environment, and wildlife resources. The proposed pad was chosen and designed to both maximize the distance to RBU receptors, minimize the number of RBUs within 2000' of the proposed working pad surface, and maximize the distance to potential environmental and wildlife receptors. There are no HOBUs, no commercial building units, no school properties or facilities, and no childcare centers that are within ½ mile of the proposed Oil and Gas Location. The design and siting of the pad is ideal in that it is capable of connecting to three phase midstream infrastructure that allows for the location to be tankless and connect to utility power capable of powering the drilling rig and permanent production facilities. None of the alternative locations provide the same reduction in impacts and benefits that are allowed by the local jurisdiction.

Additionally, the proposed location minimizes or eliminates potential impacts to wildlife or environmental receptors. The proposed location's working pad surface is outside of any CPW-designated HPH, not immediately upgradient of any wetlands, major streams/canals, or riparian corridors, and clear of any other major environmental impacts.

Extraction consulted with all five (5) RBUs within 2000' of the proposed working pad surface and obtained informed consents.

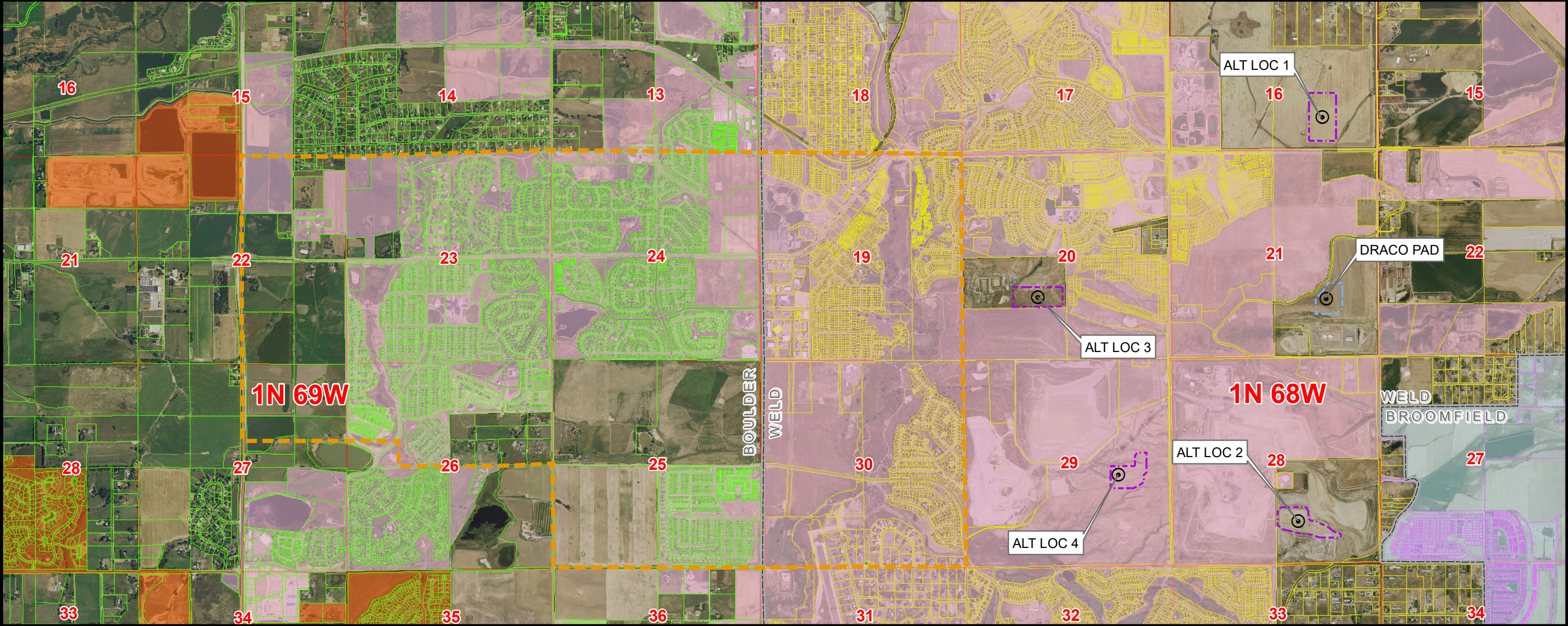


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ALTERNATIVE LOCATION ANALYSIS - RULE 304b MAP 1

DRACO PAD

SECTION 21, TOWNSHIP 1 NORTH, RANGE 68 WEST, 6TH P.M., WELD COUNTY, COLORADO



Legend

- PROPOSED REFERENCE POINT
- PROPOSED WORKING PAD SURFACE
- ALTERNATE OIL AND GAS LOCATION
- PROPOSED MINERAL BOUNDARY
- COUNTY BOUNDARY
- BOULDER COUNTY PARCEL BOUNDARY
- BROOMFIELD COUNTY PARCEL BOUNDARY
- WELD COUNTY PARCEL BOUNDARY
- ERIE JURISDICTIONAL BOUNDARY
- LAFAYETTE JURISDICTIONAL BOUNDARY
- BROOMFIELD JURISDICTIONAL BOUNDARY

NOTE:  
THIS MAP IS A COMPILATION OF PUBLICLY AVAILABLE DATA. THE ACCURACY AND COMPLETENESS OF SAID DATA  
HAS NOT BEEN VERIFIED BY 609 CONSULTING, LLC. EXISTING CONDITIONS MAY DIFFER FROM WHAT IS SHOWN.

PROPOSED & ALTERNATE LOCATION COORDINATES		
DRACO PAD	LAT:	40.033418
	LONG:	-105.003913
ALT LOC 1	LAT:	40.046135
	LONG:	-105.004154
ALT LOC 2	LAT:	40.017826
	LONG:	-105.006558
ALT LOC 3	LAT:	40.033620
	LONG:	-105.030199
ALT LOC 4	LAT:	40.021132
	LONG:	-105.022927

Prepared For:



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Consulting, LLC

Drawn by: CPS  
Revised:

Date: 24 Oct 2023  
Date:



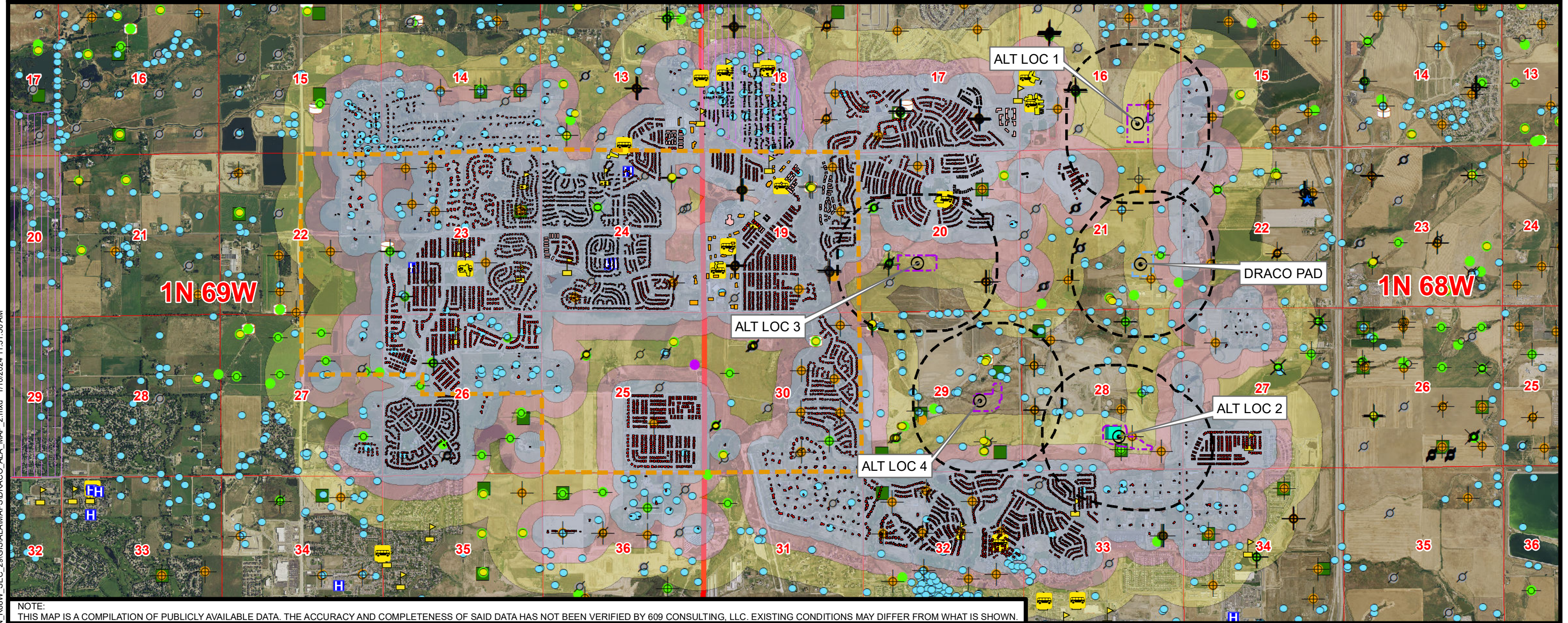
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ALTERNATIVE LOCATION ANALYSIS - RULE 304b MAP 2

**DRACO PAD**

SECTION 21, TOWNSHIP 1 NORTH, RANGE 68 WEST, 6TH P.M., WELD COUNTY, COLORADO



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**Legend**

- |                                       |                              |  |                    |                       |
|---------------------------------------|------------------------------|--|--------------------|-----------------------|
| PROPOSED REFERENCE POINT              | BUILDING UNIT                | APPROVED WELL PERMIT (FORM 2)              | TANK BATTERY       | INJECTING             |
| PROPOSED WORKING PAD SURFACE          | RESIDENTIAL BUILDING UNIT    | PENDING WELL PERMIT (FORM 2)               | WATER WELL         | PERMITTED             |
| ALTERNATE OIL AND GAS LOCATION        | HIGH OCCUPANCY BUILDING UNIT | PENDING LOCATION PERMIT (FORM 2A)          | ABANDONED LOCATION | PLUGGED AND ABANDONED |
| 2000' BUFFER                          | SCHOOL BUILDING UNIT         | APPROVED LOCATION PERMIT (FORM 2A)         | ACTIVE             | PRODUCING             |
| PROPOSED MINERAL BOUNDARY             | 500' BUILDING UNIT BUFFER    | ACTIVE LOCATION                            | DOMESTIC           | SHUT IN               |
| DISPROPORTIONATELY IMPACTED COMMUNITY | 1000' BUILDING UNIT BUFFER   | ABANDONED LOCATION                         | DRILLING           | TEMPORARILY ABANDONED |
| HEALTH FACILITY                       | 2000' BUILDING UNIT BUFFER   | CLOSED LOCATION                            | DRY AND ABANDONED  | WAITING ON COMPLETION |
| SCHOOL FACILITY                       |                              | VISIBLE LOCATION ON AERIAL NOT IN ECMC GIS |                    |                       |
| CHILD CARE FACILITY                   |                              | CLOSED PIT                                 |                    |                       |

Prepared For:

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Drawn by: CPS  
Revised: RJ

Date: 24 Oct 2023  
Date: 11 Jan 2024

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NAD83 CO-Nft  
Scale: 1" = 3,200ft

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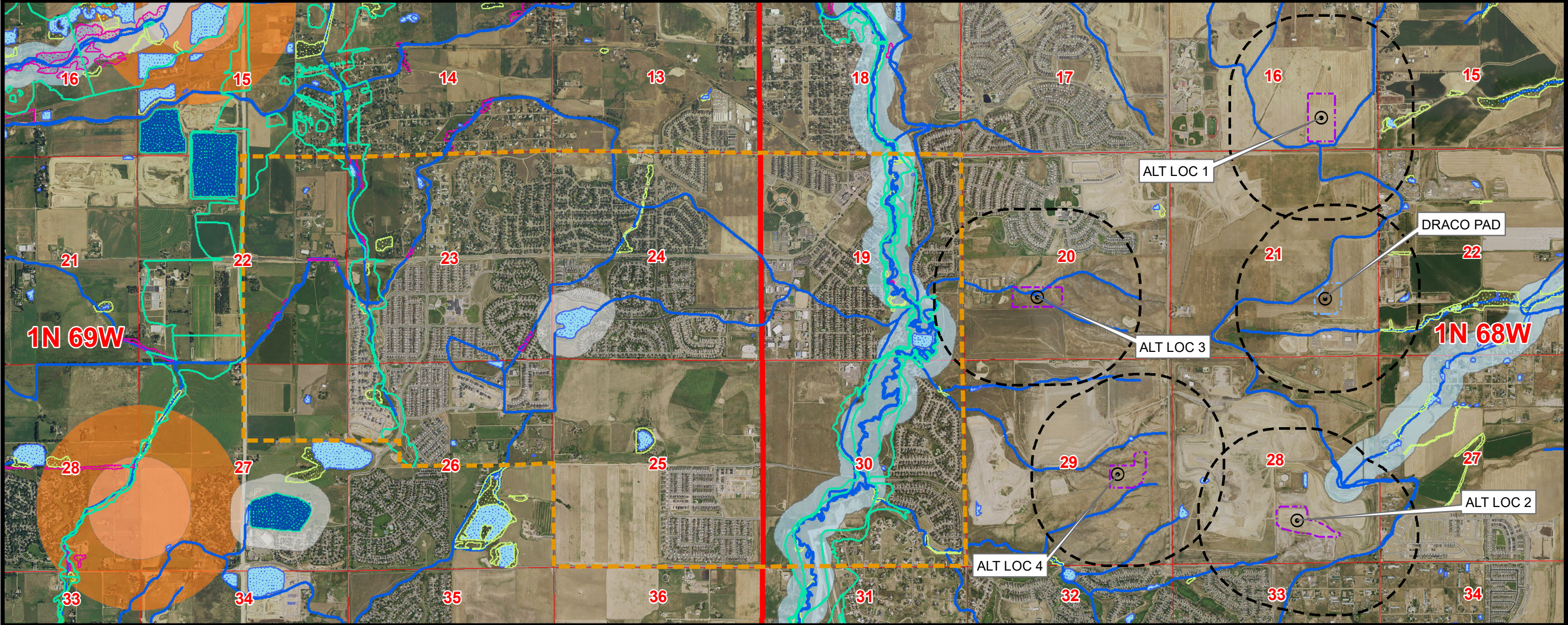


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ALTERNATIVE LOCATION ANALYSIS - RULE 304b MAP 3

DRACO PAD

SECTION 21, TOWNSHIP 1 NORTH, RANGE 68 WEST, 6TH P.M., WELD COUNTY, COLORADO



Legend

- |                                |   |                                   |                       |   |
|--------------------------------|---|-----------------------------------|-----------------------|---|
| PROPOSED REFERENCE POINT       | 100-YEAR FLOODPLAIN (EFFECTIVE, 2016)   | RIPARIAN CORRIDOR                 | OTHER WETLAND         | AQUATIC NATIVE SPECIES CONSERVATION WATERS        |
| PROPOSED WORKING PAD SURFACE   | 100-YEAR FLOODWAY (PRELIMINARY, 2020)   | RIVERINE CORRIDOR                 | LAKE                  | AQUATIC SPORTFISH MANAGEMENT WATERS - 500' BUFFER |
| ALTERNATE OIL AND GAS LOCATION | 100-YEAR FLOODPLAIN (PRELIMINARY, 2020) | FRESHWATER EMERGENT WETLAND       | FRESHWATER POND       | BALD EAGLE ACTIVE NEST SITE - QUARTER MILE BUFFER |
| 2000' BUFFER                   | RULE 411.b 2640' BUFFER                 | FRESHWATER FORESTED/SHRUB WETLAND | DITCH/CANAL/ DRAINAGE | BALD EAGLE ACTIVE NEST SITE - HALF MILE BUFFER    |
| PROPOSED MINERAL BOUNDARY      |   |                                   |                       |   |

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Revised:

Date: 24 Oct 2023  
Date:

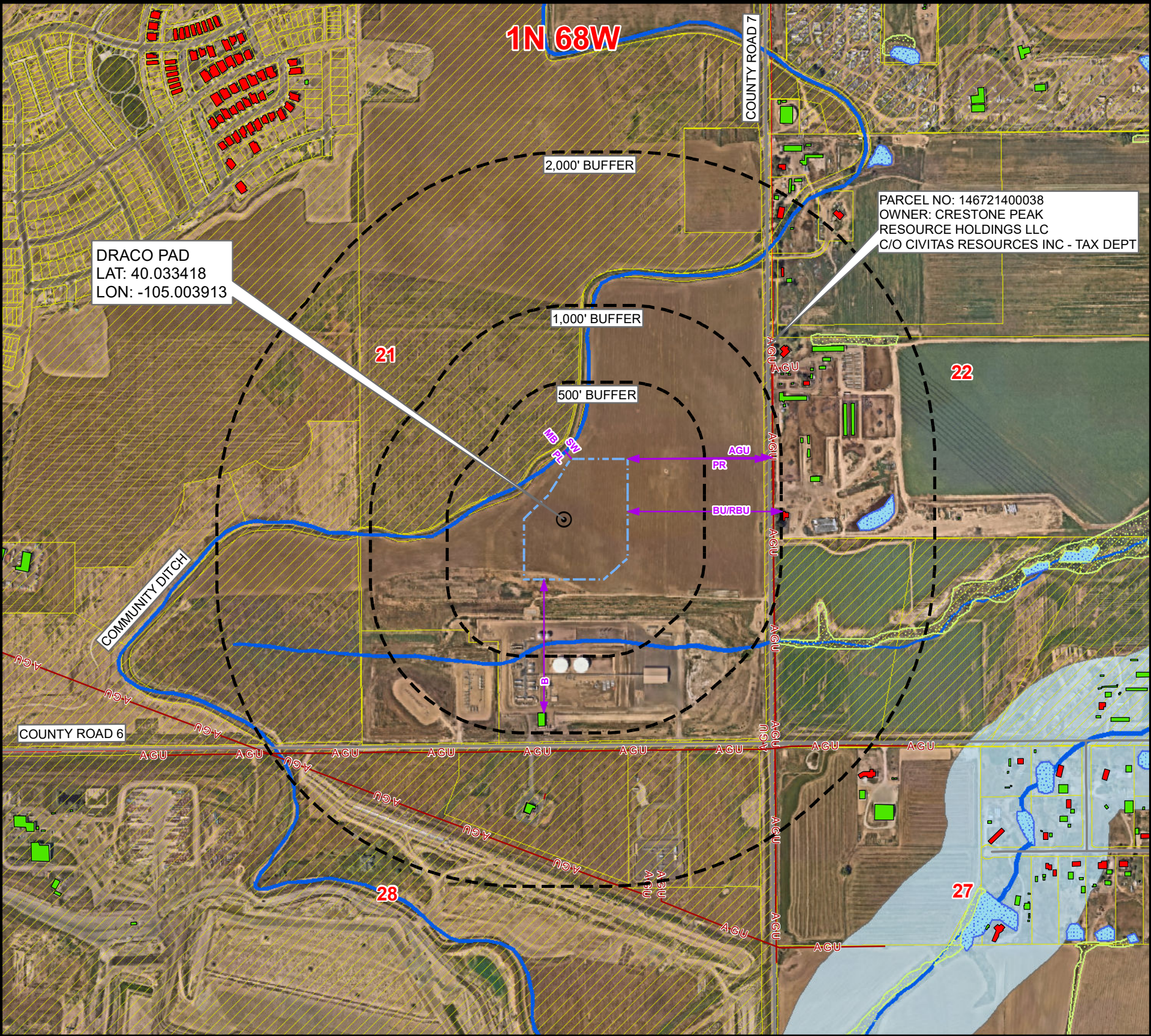
N  
NAD83 CO-Nft  
Scale: 1" = 2,500ft



ALTERNATIVE LOCATION ANALYSIS - DATA MAP - PROPOSED LOCATION

DRACO PAD

SECTION 21, TOWNSHIP 1 NORTH, RANGE 68 WEST, 6TH P.M., WELD COUNTY, COLORADO



# OF CULTURAL FEATURES WITHIN	0-500 FEET	501-1,000 FEET	1,001-2,000 FEET
BUILDING UNIT (RESIDENTIAL & NON-RESIDENTIAL)	0	0	5
RESIDENTIAL BUILDING UNIT	0	0	5
HIGH OCCUPANCY BUILDING UNIT	0	0	0
SCHOOL PROPERTY	0	0	0
SCHOOL FACILITY	0	0	0
DESIGNATED OUTSIDE ACTIVITY AREA	0	0	0

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MEASURED FROM THE NEAREST		EDGE OF WORKING PAD
B	BUILDING	±871' S
BU	BUILDING UNIT	±1011' E
RBU	RESIDENTIAL BUILDING UNIT	±1011' E
HOB	HIGH OCCUPANCY BUILDING UNIT	2000'+
DOAA	DESIGNATED OUTSIDE ACTIVITY AREA	2000'+
PR	PUBLIC ROAD	±904' E
AGU	ABOVE GROUND UTILITY	±946' E
RR	RAILROAD	2000'+
PL	PROPERTY LINE	±74' NW
S	SCHOOL FACILITY	2000'+
CC	CHILD CARE CENTER	2000'+
DIC	DISPROPORTIONATELY IMPACTED COMMUNITY BOUNDARY	2000'+
MB	MUNICIPALITY BOUNDARY	±131' NW
CB	COUNTY BOUNDARY	2000'+
SW	SURFACE WATER	±60' NW
PWS	PUBLIC WATER SYSTEM SUPPLY WELL	2000'+
HPH	HIGH PRIORITY HABITAT	2000'+
RHSD	RBU, HOB, OR SCHOOL FACILITY WITHIN A DI COMMUNITY	2000'+

Legend

- PROPOSED REFERENCE POINT

PROPOSED WORKING PAD SURFACE

BUFFER

BUILDING

NON-RESIDENTIAL BUILDING UNIT

RESIDENTIAL BUILDING UNIT

HEALTH FACILITY

SCHOOL FACILITY

CHILD CARE FACILITY

ABOVE GROUND UTILITY

PUBLIC ROAD

RAILROAD

DITCH/CANAL/DRAINAGE

DISPROPORTIONATELY IMPACTED COMMUNITY

PARCEL BOUNDARY

RULE 411.b 2640' BUFFER

100-YEAR FLOODPLAIN (EFFECTIVE, 2016)

100-YEAR FLOODWAY (PRELIMINARY, 2020)

100-YEAR FLOODPLAIN (PRELIMINARY, 2020)

RIPARIAN CORRIDOR

RIVERINE CORRIDOR

FRESHWATER EMERGENT WETLAND

FRESHWATER FORESTED/SHRUB WETLAND

LAKE

FRESHWATER POND

PROPOSED 2023 AQUATIC NATIVE SPECIES CONSERVATION WATERS

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Date: 11 Jan 2024

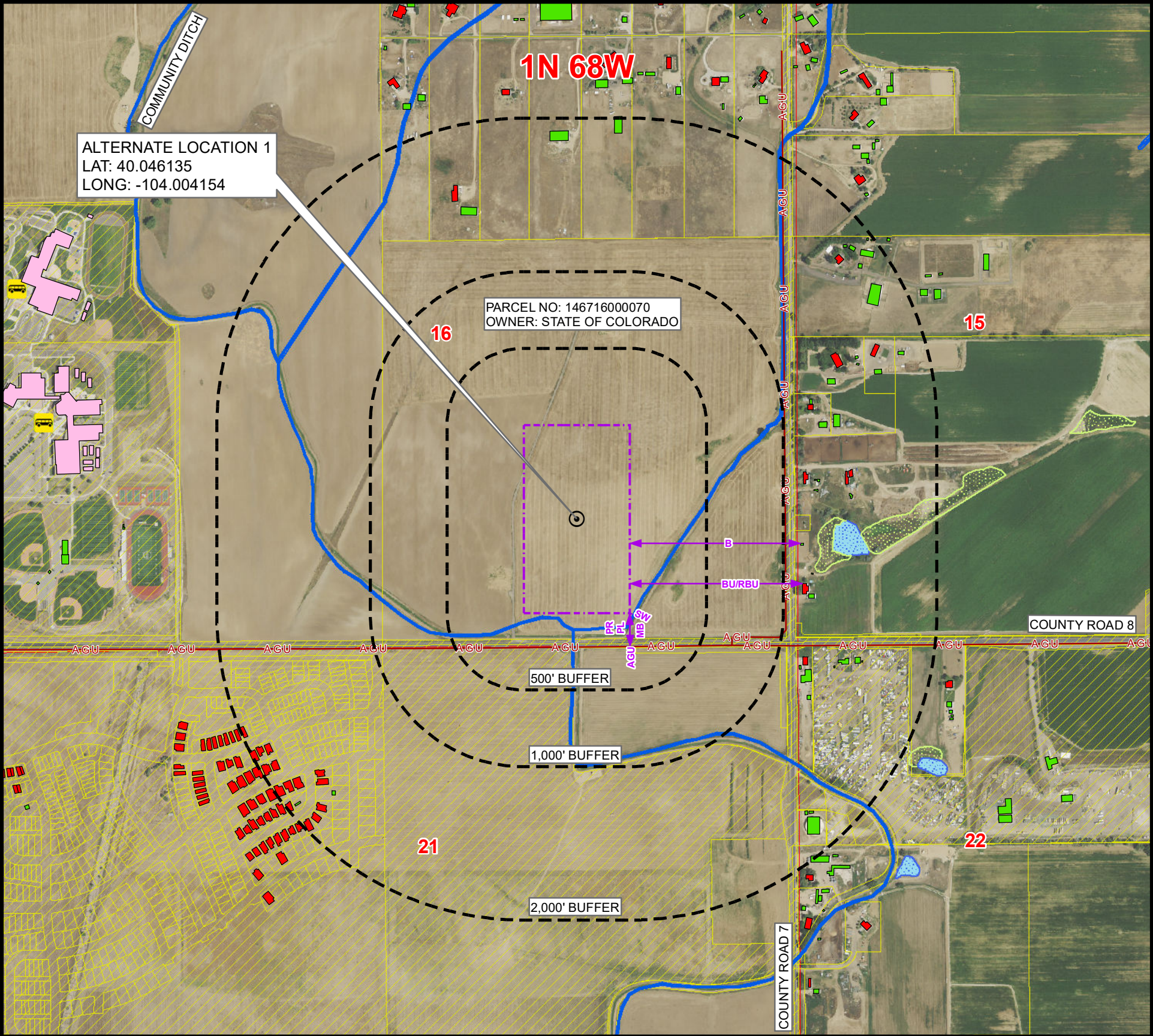


NAD83 CO-Nft  
Scale: 1" = 750ft



ALTERNATIVE LOCATION ANALYSIS - DATA MAP - ALTERNATE LOCATION 1  
DRACO PAD

SECTION 16, TOWNSHIP 1 NORTH, RANGE 68 WEST, 6TH P.M., WELD COUNTY, COLORADO



# OF CULTURAL FEATURES WITHIN	0-500 FEET	501-1,000 FEET	1,001-2,000 FEET
BUILDING UNIT (RESIDENTIAL & NON-RESIDENTIAL)	0	0	28
RESIDENTIAL BUILDING UNIT	0	0	28
HIGH OCCUPANCY BUILDING UNIT	0	0	0
SCHOOL PROPERTY	0	0	0
SCHOOL FACILITY	0	0	0
DESIGNATED OUTSIDE ACTIVITY AREA	0	0	0

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MEASURED FROM THE NEAREST		EDGE OF WORKING PAD
B	BUILDING	±1113' E
BU	BUILDING UNIT	±1124' E
RBU	RESIDENTIAL BUILDING UNIT	±1124' E
HOB	HIGH OCCUPANCY BUILDING UNIT	2000'+
DOAA	DESIGNATED OUTSIDE ACTIVITY AREA	2000'+
PR	PUBLIC ROAD	±179' S
AGU	ABOVE GROUND UTILITY	±217' S
RR	RAILROAD	2000'+
PL	PROPERTY LINE	±192' S
S	SCHOOL FACILITY	2000'+
CC	CHILD CARE CENTER	2000'+
DIC	DISPROPORTIONATELY IMPACTED COMMUNITY BOUNDARY	2000'+
MB	MUNICIPALITY BOUNDARY	±161' S
CB	COUNTY BOUNDARY	2000'+
SW	SURFACE WATER	±18' SE
PWS	PUBLIC WATER SYSTEM SUPPLY WELL	2000'+
HPH	HIGH PRIORITY HABITAT	2000'+
RHSD	RBU, HOB, OR SCHOOL FACILITY WITHIN A DI COMMUNITY	2000'+

Legend

- PROPOSED REFERENCE POINT

ALTERNATE OIL AND GAS LOCATION

BUFFER

BUILDING

NON-RESIDENTIAL BUILDING UNIT

RESIDENTIAL BUILDING UNIT

HIGH OCCUPANCY BUILDING UNIT

HEALTH FACILITY

SCHOOL FACILITY

CHILD CARE FACILITY

ABOVE GROUND UTILITY

PUBLIC ROAD

RAILROAD

DITCH/CANAL/DRAINAGE

DISPROPORTIONATELY IMPACTED COMMUNITY

PARCEL BOUNDARY

ERIE JURISDICTIONAL BOUNDARY

RULE 411.b 2640' BUFFER

100-YEAR FLOODPLAIN (EFFECTIVE, 2016)

100-YEAR FLOODWAY (PRELIMINARY, 2020)

100-YEAR FLOODPLAIN (PRELIMINARY, 2020)

RIPARIAN CORRIDOR

RIVERINE CORRIDOR

FRESHWATER EMERGENT WETLAND

FRESHWATER FORESTED/SHRUB WETLAND

LAKE

FRESHWATER POND

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Drawn by: AK  
Revised:

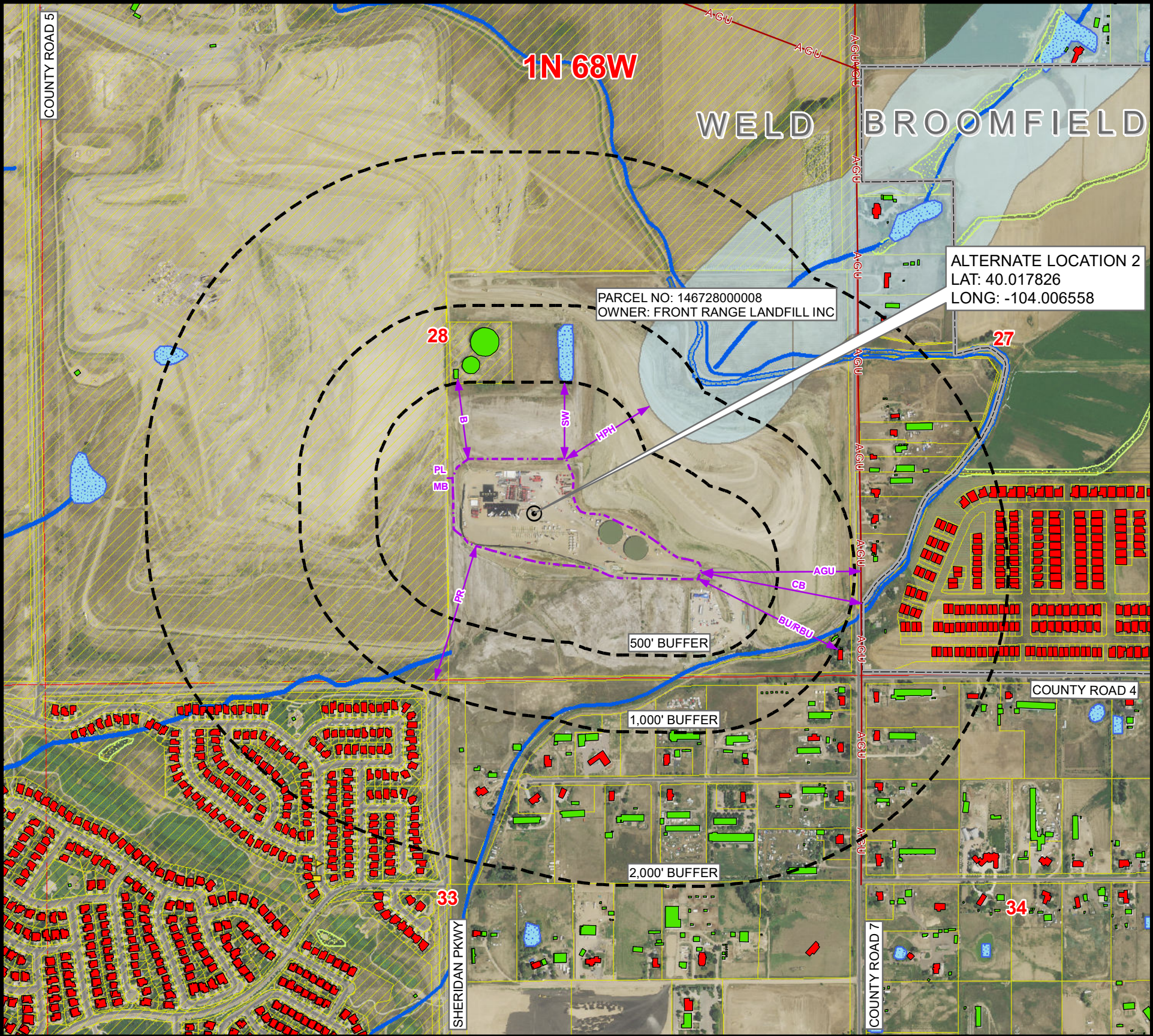
Date: 24 Oct 2023  
Date:

NAD83 CO-Nft  
Scale: 1" = 750ft



ALTERNATIVE LOCATION ANALYSIS - DATA MAP - ALTERNATE LOCATION 2  
DRACO PAD

SECTION 28, TOWNSHIP 1 NORTH, RANGE 68 WEST, 6TH P.M., WELD COUNTY, COLORADO



# OF CULTURAL FEATURES WITHIN	0-500 FEET	501-1,000 FEET	1,001-2,000 FEET
BUILDING UNIT (RESIDENTIAL & NON-RESIDENTIAL)	0	0	236
RESIDENTIAL BUILDING UNIT	0	0	236
HIGH OCCUPANCY BUILDING UNIT	0	0	0
SCHOOL PROPERTY	0	0	0
SCHOOL FACILITY	0	0	0
DESIGNATED OUTSIDE ACTIVITY AREA	0	0	0

NOTE:  
THIS MAP IS A COMPILATION OF PUBLICLY AVAILABLE DATA. THE ACCURACY AND COMPLETENESS OF SAID DATA HAS NOT BEEN VERIFIED BY 609 CONSULTING, LLC. EXISTING CONDITIONS MAY DIFFER FROM WHAT IS SHOWN.

MEASURED FROM THE NEAREST		EDGE OF WORKING PAD
B	BUILDING	±527' N
BU	BUILDING UNIT	±1023' SE
RBU	RESIDENTIAL BUILDING UNIT	±1023' SE
HOBU	HIGH OCCUPANCY BUILDING UNIT	2000'+
DOAA	DESIGNATED OUTSIDE ACTIVITY AREA	2000'+
PR	PUBLIC ROAD	±914' S
AGU	ABOVE GROUND UTILITY	±1041' E
RR	RAILROAD	2000'+
PL	PROPERTY LINE	±37' W
S	SCHOOL FACILITY	2000'+
CC	CHILD CARE CENTER	2000'+
DIC	DISPROPORTIONATELY IMPACTED COMMUNITY BOUNDARY	2000'+
MB	MUNICIPALITY BOUNDARY	±37' W
CB	COUNTY BOUNDARY	±1067' E
SW	SURFACE WATER	±496' N
PWS	PUBLIC WATER SYSTEM SUPPLY WELL	2000'+
HPH	HIGH PRIORITY HABITAT	±642' NE
RHSD	RBU, HOBU, OR SCHOOL FACILITY WITHIN A DI COMMUNITY	2000'+

Legend

- PROPOSED REFERENCE POINT
- ALTERNATE OIL AND GAS LOCATION
- BUFFER
- BUILDING
- NON-RESIDENTIAL BUILDING UNIT
- RESIDENTIAL BUILDING UNIT
- HEALTH FACILITY
- SCHOOL FACILITY
- CHILD CARE FACILITY
- ABOVE GROUND UTILITY
- PUBLIC ROAD
- RAILROAD
- DITCH/CANAL/DRAINAGE
- DISPROPORTIONATELY IMPACTED COMMUNITY
- PARCEL BOUNDARY
- ERIE JURISDICTIONAL BOUNDARY
- RULE 411.b 2640' BUFFER
- 100-YEAR FLOODPLAIN (EFFECTIVE, 2016)
- 100-YEAR FLOODWAY (PRELIMINARY, 2020)
- 100-YEAR FLOODPLAIN (PRELIMINARY, 2020)

RIPARIAN CORRIDOR

RIVERINE CORRIDOR

FRESHWATER EMERGENT WETLAND

FRESHWATER FORESTED/SHRUB WETLAND

LAKE

FRESHWATER POND

PROPOSED 2023 AQUATIC NATIVE SPECIES CONSERVATION WATERS

COUNTY BOUNDARY

Prepared For:



LOVELAND OFFICE  
6706 North Franklin Avenue  
Loveland, Colorado 80538  
Phone 970-776-4331  
SHERIDAN OFFICE  
1095 Saberton Avenue  
Sheridan, Wyoming 82801  
Phone 307-674-0609

Drawn by: AK  
Revised: CDR  
Date: 24 Oct 2023  
Date: 3 Jan 2024

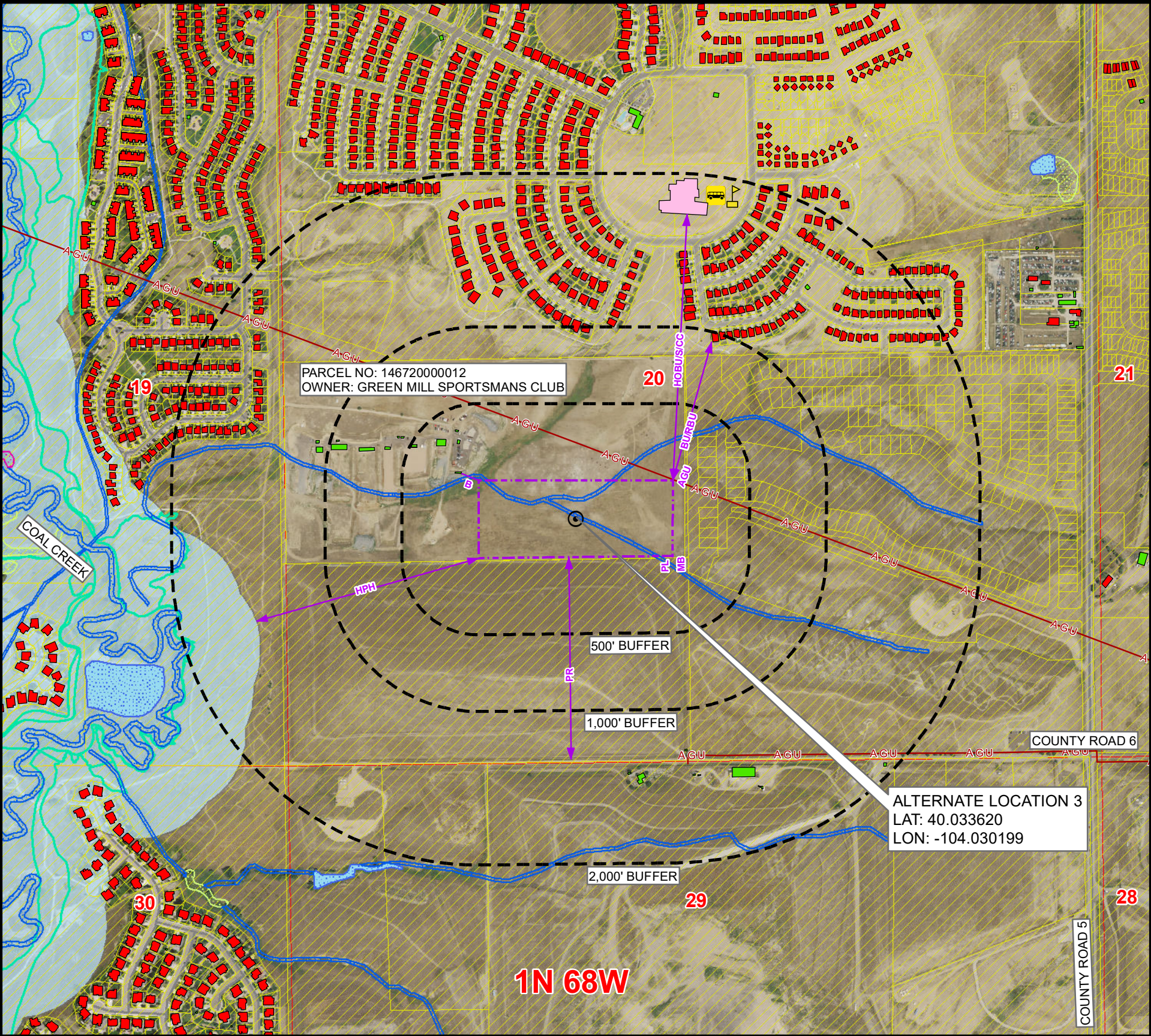


NAD83 CO-Nft  
Scale: 1" = 750ft



ALTERNATIVE LOCATION ANALYSIS - DATA MAP - ALTERNATE LOCATION 3  
DRACO PAD

SECTION 20, TOWNSHIP 1 NORTH, RANGE 68 WEST, 6TH P.M., WELD COUNTY, COLORADO



# OF CULTURAL FEATURES WITHIN	0-500 FEET	501-1,000 FEET	1,001-2,000 FEET
BUILDING UNIT (RESIDENTIAL & NON-RESIDENTIAL)	0	7	259
RESIDENTIAL BUILDING UNIT	0	7	259
HIGH OCCUPANCY BUILDING UNIT	0	0	1
SCHOOL PROPERTY	0	0	2
SCHOOL FACILITY	0	0	1
DESIGNATED OUTSIDE ACTIVITY AREA	0	0	0

NOTE:  
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MEASURED FROM THE NEAREST		EDGE OF WORKING PAD
B	BUILDING	±120' W
BU	BUILDING UNIT	±938' N
RBU	RESIDENTIAL BUILDING UNIT	±938' N
HOBU	HIGH OCCUPANCY BUILDING UNIT	±1735' N
DOAA	DESIGNATED OUTSIDE ACTIVITY AREA	2000'+
PR	PUBLIC ROAD	±1317' S
AGU	ABOVE GROUND UTILITY	±4' N
RR	RAILROAD	2000'+
PL	PROPERTY LINE	±11' S
S	SCHOOL FACILITY	±1735' N
CC	CHILD CARE CENTER	±1735' N
DIC	DISPROPORTIONATELY IMPACTED COMMUNITY BOUNDARY	2000'+
MB	MUNICIPALITY BOUNDARY	±11' S
CB	COUNTY BOUNDARY	2000'+
SW	SURFACE WATER	±0'
PWS	PUBLIC WATER SYSTEM SUPPLY WELL	2000'+
HPH	HIGH PRIORITY HABITAT	±1505' W
RHSD	RBU, HOBU, OR SCHOOL FACILITY WITHIN A DI COMMUNITY	2000'+

Legend

- PROPOSED REFERENCE POINT

ALTERNATE OIL AND GAS LOCATION

BUFFER

BUILDING

NON-RESIDENTIAL BUILDING UNIT

RESIDENTIAL BUILDING UNIT

HIGH OCCUPANCY BUILDING UNIT

HEALTH FACILITY

SCHOOL FACILITY

CHILD CARE FACILITY

ABOVE GROUND UTILITY
- PUBLIC ROAD

RAILROAD

DITCH/CANAL/DRAINAGE/CREEK

DISPROPORTIONATELY IMPACTED COMMUNITY

PARCEL BOUNDARY

ERIE JURSDICTIONAL BOUNDARY

RULE 411.b 2640' BUFFER

100-YEAR FLOODPLAIN (EFFECTIVE, 2016)

100-YEAR FLOODWAY (PRELIMINARY, 2020)

100-YEAR FLOODPLAIN (PRELIMINARY, 2020)
- RIPARIAN CORRIDOR

RIVERINE CORRIDOR

FRESHWATER EMERGENT WETLAND

FRESHWATER FORESTED/SHRUB WETLAND

LAKE

FRESHWATER POND

PROPOSED 2023 AQUATIC NATIVE SPECIES CONSERVATION WATERS

Prepared For:



LOVELAND OFFICE  
6706 North Franklin Avenue  
Loveland, Colorado 80538  
Phone 970-776-4331  
SHERIDAN OFFICE  
1095 Saberton Avenue  
Sheridan, Wyoming 82801  
Phone 307-674-0609

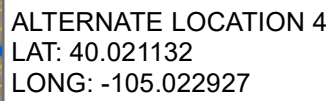
Drawn by: AK  
Revised:

Date: 24 Oct 2023  
Date:

NAD83 CO-Nft  
Scale: 1" = 750ft



## SECTION 29, TOWNSHIP 1 NORTH, RANGE 68 WEST, 6TH P.M., ERIE, COLORADO



PARCEL NO: 146729400002  
OWNER: STRATUS REDTAIL RANCH LLC

MEASURED FROM THE NEAREST		EDGE OF WORKING PAD
B	BUILDING	±1962' NE
BU	BUILDING UNIT	2000'+
RBU	RESIDENTIAL BUILDING UNIT	2000'+
HOBUE	HIGH OCCUPANCY BUILDING UNIT	2000'+
DOAA	DESIGNATED OUTSIDE ACTIVITY AREA	2000'+
PR	PUBLIC ROAD	±586' E
AGU	ABOVE GROUND UTILITY	2000'+
RR	RAILROAD	2000'+
PL	PROPERTY LINE	±501' NW
S	SCHOOL FACILITY	2000'+
CC	CHILD CARE CENTER	2000'+
DIC	DISPROPORTIONATELY IMPACTED COMMUNITY BOUNDARY	2000'+
MB	MUNICIPALITY BOUNDARY	±0'
CB	COUNTY BOUNDARY	2000'+
SW	SURFACE WATER	±7' SE
PWS	PUBLIC WATER SYSTEM SUPPLY WELL	2000'+
HPH	HIGH PRIORITY HABITAT	2000'+
RHSD	RBU, HOBUE, OR SCHOOL FACILITY WITHIN A DI COMMUNITY	2000'+

NOTE:  
THIS MAP IS A COMPILATION OF PUBLICLY AVAILABLE DATA. THE ACCURACY AND  
COMPLETENESS OF SAID DATA HAS NOT BEEN VERIFIED BY 609 CONSULTING, LLC. EXISTING  
CONDITIONS MAY DIFFER FROM WHAT IS SHOWN.


	PROPOSED REFERENCE POINT		PUBLIC ROAD
	ALTERNATE OIL AND GAS LOCATION		RAILROAD
	BUFFER		DITCH/CANAL/DRAINAGE
	BUILDING		DISPROPORTIONATELY IMPACTED COMMUNITY
	NON-RESIDENTIAL BUILDING UNIT		PARCEL BOUNDARY
	RESIDENTIAL BUILDING UNIT		ERIE JURISDICTIONAL BOUNDARY
	HEALTH FACILITY		RULE 411.b 2640' BUFFER
	SCHOOL FACILITY		100-YEAR FLOODPLAIN (EFFECTIVE, 2016)
	CHILD CARE FACILITY		100-YEAR FLOODWAY (PRELIMINARY, 2020)
	ABOVE GROUND UTILITY		100-YEAR FLOODPLAIN (PRELIMINARY, 2020)



**CIVITAS**  
Extraction Oil & Gas, Inc.



N



NAD83 CO-Nft  
Scale: 1" = 750ft