



# STREAM BYPASS FLOW STUDY 25\_STRM BYPASS\_STUDY\_01

*St. Vrain Creek  
Ralph Price Reservoir (Button Rock)  
to  
Supply Irrigating Ditch Diversion*

**Prepared For:**  
Mr. Aaron Caplan  
Town of Lyons  
432 5<sup>TH</sup> Ave.  
Lyons, CO 80540

**Prepared By:**  
Grouse Mountain Environmental Consultants, LLC  
760 West Fetterman  
Buffalo, WY 82834

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## 1.0 INTRODUCTION

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To address concerns of upstream flows in the St. Vrain Creek at the eastern end of Lyons, the Town of Lyons (Town) retained Grouse Mountain Environmental Consultants (Grouse Mountain) to conduct a stream bypass flow study. The Town is located at the confluence of the North and South St. Vrain Creeks where water has been historically utilized for a number of uses, including recreational, agriculturally, and domestically. During certain times of the year, water flows have been low. Low flow conditions may cause warmer seasonal water temperatures and generally reduced water availability.

The study area included portions of the St. Vrain Creek between the Ralph Price Reservoir (Button Rock) to the Supply Irrigating Ditch Diversion. Please find **Figure 1.0** for the general project location found in **Appendix A (Maps)**. Grouse Mountain conducted a field survey to identify potential bypass structures that divert water without sufficient infrastructure and/or measurement devices. Following the field survey, Grouse Mountain compiled a summary of all intervening diversions in the study area to include specifics on bypass capacity and flow measurement opportunities. The goal of the study is to aid in identifying the next steps to secure better flows for environmental habitat, maintain or improve recreation and fishery flows, and to aid in the integration of downstream discharges.

### 1.1 Historical Research & Site Planning

Grouse Mountain accessed the Colorado Division of Water Resources (CO DWR) records and GIS Map Viewer to identify surface water and shallow well diversion structures and water rights within the adjacent lands to the project area. Grouse Mountain applied a cutoff of two hundred (200) feet for groundwater well depth to qualify as a shallow well with the potential to impact near surface water flows within the St. Vrain Creek. In addition to CO DWR available data, our research team used recent aerial imagery available from the CO DWR GIS Map Viewer, Google Earth, and the Town's assessor ArcGIS viewer to identify evidence of diversion structures not found in the CO DWR records or GIS Map Viewer. Please refer to **Figures 1.1 and 1.2** found in **Appendix A (Maps)** for a display of the water rights identified as possible diversions and various permitted structures.

### 1.2 Field Reconnaissance

Using a GPS equipped tablet with the identified existing and potential diversion structure map, Grouse Mountain conducted field reconnaissance on May 23<sup>rd</sup> and 24<sup>th</sup> of 2025. Mrs. Jess Fortner with Grouse Mountain collected field data as she traversed the St. Vrain creek. Mrs. Fortner was accompanied by Mr. Aaron Caplan for portions of the field reconnaissance.

The collected field data included diversion structure type, measurements for determining capacity, flow measurement devices (if any), condition of diversion, potential water use, and photographic documentation. The field data was matched to the respective known or potential CO DWR water rights or structures and parcel/land ownership, where possible. Mrs. Fortner communicated with landowners, when possible, to collect additional water use details.

Please refer to **Appendix C (Photo Log)** for specific diversion details and notes. **Figure 1.1** in Appendix A provides locations of bypass diversion locations and provides numerical indicators to match the respective photos found in Appendix C (Photo Log).

## 2.0 SUMMARY

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Mr. Clint Beck, P.E. with Grouse Mountain conducted a regulatory and general infrastructure review of the field collected data and photo log. Upon review and discussion of observations with Mrs. Fortner, it was apparent the following common conditions were present:

- There were numerous instances of direct pump placement into the St. Vrain creek without an apparent flow measurement device. In some instances, water rights will allow demonstration of compliance with water volume limits by assuming the pump is running at capacity and multiplying this value by the pump run time hours. However, field efforts failed to find a pump hour meter directly on the pump casing during the field observations.
- There were instances where adjacent pools were constructed. These could serve as a landing spot for recreational purposes or other creek access means, however surface indicators were noted that could allow for temporary pump and line utilization at some of these locations as noted in the photo log.
- Shallow wells were noted in the immediate vicinity of the St. Vrain creek. A few of these wells were observed as not having visible flow meters installed to track water use.
- Numerous weirs were present, but without measuring or logging devices. The photo log found in **Appendix C** and the following **Table 1.1** provides measurements and conditions of the weirs. Most of the weirs are constructed using natural means and require a defined flume/weir crossing to measure accurate flows in using a logger.

**Table 1.1** provides a summary of bypass diversion locations and field observations. General notes regarding diversion condition, status, and capability in installing flow measuring devices are provided for specific diversions not appearing to have adequate measuring and recording infrastructure as may be required in the individual water rights and/or for water diversions appearing to not have an active water right associated with the use. The table contains numerical indicators to allow for quick reference to locations and photo documentation found in **Figure 1.1** of **Appendix A** and **Appendix C (Photo Log)**.

The remaining tables are found in **Appendix B**.

- **Table 1.2** provides a summary of the permitted surface water diversions from data pulled from the CO DWR database along the project area. The table provides appropriation and priority dates, volumes allowed for use, types of use, and method of diversion.
- **Table 1.3** provides a summary of permitted shallow wells from data pulled from the CO DWR database. We selected a cutoff of two hundred (200) feet deep for wells adjacent to the St. Vrain Creek. While water use from shallow wells is not as noticeable to surface water flows, potential heavy use during low flow conditions can cause a draw down effect allowing for additional water to seep into the soil strata and not be as readily available for downstream water use.

These have been provided with a corresponding ID to the map figures found in **Appendix A** for ease of cross referencing.



**Table 1.1: Bypass Diversion Locations & Field Observations: North St. Vrain Project Area**

Larger Known Diversions	Description	Diversion Measurements	Meter Observed (Yes/No)	Flow Measurement Capabilities / Options	Parcel Owner	Permitted Surface Water Right & Map ID From Table 1.2	Photo Log Number (Sequential # In Upper Right Hand)	Field/Map Photo ID (See Fig. 1.1)
Diversion	Diversion across the County of Boulder. Could be significant during higher flows		No	Weir & Logger	County of Boulder	Hall Fish Ditch: Map ID 5	29	48
Diversion	Diversion County of Boulder property- Looks approximately 30' wide with higher flows.	30' wide	Sluece	Weir & Logger	County of Boulder	Bosey Ditch : Map ID 10	43	66
Ditch	Outlet flow of Anderson Ditch. Photo Log # 33 could be the diversion point.		No	Logger	City of Boulder	Anderson Ditch RT Outlet: Map ID 60	67 & 68	86
Ditch	Evans Ditch		No	Logger	Planet Bluegrass Farm LLC	Evans Ditch: Map ID 4	57	101
Diversion	Lyons Diversion, Nothing coming from return. Amount diverted unknown. No meter at diversion, partial return, or return.		No	Meter/Logger	Lyons	Lyons Park: Map ID 2	117	121
Diversion	Unknown diversion at Lyons Park #2		No	Meter/Logger	Lyons	Unknown/ Possible Old Return	140	268
Weir/Diversion Observations	Description	Diversion Measurements	Meter Observed (Yes/No)	Flow Measurement Capabilities / Options	Owner	Permit	Photo Log Number	Field/Map Photo ID (Near FIN #)
Weir	Man made Weir by River Ministries- Gladly granted access to river. Shallow well nearby.		No	Weir & Logger	River Ministries	RIVER FOURSQUARE CHURCH WELL 0505562: Map ID 75 RIVER FOURSQUARE CHURCH WELL 19449: Map ID 73 RIVER FOURSQUARE CHURCH WELL 169365: Map ID 74 RIVER FOURSQUARE CHURCH WELL 23931: Map ID 72	50	244
Weir	Wier built in water. Irrigation pull upstream from Planet Bluegrass Farm LLC. Extensive irrigation occurring. No water rights found. Several weirs exist.		No	Logger	Planet Bluegrass Farm LLC	No- But they are connected to Festivaria via road under bridge, same pipe, seasonal bridges.	58, 87	101, 257
Weir	Made Wier on Boulder Property by a beach... likely pulling water from creek.		No	Logger	Boulder	No	69	252
Weir	Weir with black pump station. Possibly expired in 2016		No	Water Meter	Peter Lavine	FORSBERG WELL: Map ID 73	81	87
Wier	Festivaria LLC has multiple weirs, pipe for pumping at some, and a lot of mobile pipe between Bluegrass and Festivaria.	7'x3', 6'x10", 8' perpendicular, additional stair steps and perpendicular.	No	Logger & Meter For Pumps	Festivaria	3 Permitted Pumps Above	95-113	260, 261, 262, 104, 105, 106, 263, 264, 110, 108, 111, 112
Diversion	Small Diversion to Garden- Garden Appears to be on City of Boulder Property - He also has a pump later- see pump section photo log 25. He did volunteer his number for further discussion: 720-938-4854	Approximate 6" Opening	No	Logger	Aaron Lawson	No	24	40
Diversion	Ditch that is approximately 12" wide where it narrows on shore and approximately 20' long diversion in stream. There is possible association this water right: Appears expired.	12"x20' water diversion narrows to 1' channel.	No	Logger	Town of Lyons property	No	37	241
Diversion	Diversion to Apple Valley Pond- Left Hand has opposed this before and the pond was limited to 50-acre ft per year- no meter was observed.	Minimum 2' Opening	No	Logger	M+JB Holdings LLC	Apple Valley Pond: Map ID 63	51	177
Diversion	Diversion to pool on Lyons property.		No	Logger	Lyons	Yes	138	267

**Table 1.1: Bypass Diversion Locations & Field Observations: North St. Vrain Project Area**

Shallow Well/ Pump Diversion	Description	Diversion Measurements	Meter Observed (Yes/No)	Flow Measurement Capabilities / Options	Parcel Owner	Permitted Surface Water Right Owner & Map ID for Table 1.2	Photo Log Number	Field/Map Photo ID (See Fig. 1.1)
All Shallow Wells- See Additional Details	Multiple Land Owners Indicated No Regular Metering.		No	Water Meter	Various	Permits need to be diligently looked through, abandoned wells confirmed, and permits confirmed.		
Shallow Well/Pump	Water right is possibly not utilized		No	Water Meter	County of Boulder	Sims Pump 1: Map ID 19	26	208
Shallow Well	Extra Concern as it has a small winery- Rusty Vines Vineyard		No	Water Meter	Heather & Rex Heiby	See Table 1.3: Map ID 29	31	54
Shallow Pool	Possible Pumping		No	Water Meter	James Gilbert	No water right- shallow wells a distance off.	7	22
Pump	Diversion with a pump. Possibly expired.		No	Water Meter	Linda & John Whiteman	Green Pump: Map ID 39	13-15	34
Pump	Possible Pump to garden. Records Indicate a Ross pump possibly with expired use.		No	Water Meter	Daryl Smith & Patt Petry	Ross Pump: Map ID 40	18	154
Pump	Pump in water to house/yard		No	Water Meter	Aaron Lawson	Lawson Pump: Map ID 9	25	239
Pump	Pump in Water		No	Water Meter	Trooper Living Rev Trust	Sims Pump 3: Map ID 51	28	232
Pump	Pump in water that is not near a house. Runs upstream, possibly goes under the road.	At least 3" hose	No	Water Meter	Unknown	No	38-39	62
Pump	Black pipe of approximately 1" present in water.	1"	No	Water Meter	Joanne & Kent Irwin	No	42	64
Pump	Black tube approximately 1" in water.	1"	No	Water Meter	Donald & Dawn Elsberry	No	47	242
Pump	Black & white pipe in background for pumping		No	Water Meter	Burdock Hollow LLC	Torres-Rooney Surface Diversion: Map ID 48	49	74
Pump	Pump correlates to Peterson Pump		No	Water Meter	Keneth Singer & Sandra Spellman	Peterson Pump: Map ID 38	66	179
Pump	Pool & pump to garden. 50 ft. well is only water right listed.		No	Water Meter	Tina & Jeff Baurick	No	72	253
Pump	Blue pumps takes water to red shipping container and there is mass irrigation. They have one expired permit & a point of diversion that may have expired in 2015.	Approx 3" pipe	No	Water Meter	Janis & James McCain	Flowers Groundwater Diversion: Map ID 79	79	73
Pump	Pumps from river - 2.5" pipe. Waters almost all the property. No water rights observed. Blue Grass Farms LLC	2.5"	No	Water Meter	Bluegrass Farms LLC	No	87	258
Pump	Pump at Festivaria LLC- this land connects to Bluegrass Farms LLC. Festivaria has three water rights.	3" pipe w/ 30'x20' holding pond.	No	Water Meter	Festivaria	Ferguson Pump: Map ID 45 Well- Steamboat WTR Co Well: Map ID 65 Well- Williams Well: Map ID 81	90-93	259
Pump	Irrigation System by river with a lot of pipe. These are located on the Town of Lyons Section 18 Township 3N Range 70 Block 20 Lot 10. A Thomas pump is associated with this water right- no meter observed. The neighbor who it appears to go to also has a water right associated. Pipe size is 2.5".	2.5"	No	Water Meter	Lyons	Banta Pump: Map ID 42	135-137, 139	193, 147
Pump	There appears to be a yellow pump in the yard & associated water rights.		No	Water Meter	215 2nd Ave Holding LLC	SVLHWC North St Brain Creek Impact Reach : Map ID 55	143	195
Pump	Possible Pump in yard w/ river access. No water right association observed.		No	Water Meter	Unknown	No	144	269
Pump	Approximate 1" black pipe in water.	1"	No	Water Meter	Unknown	No	145	270

**Notes:**

1. Possible Expirations are based on Augmentation plans. Further investigation should be done for water rights. Additional water rights were also observed that do not appear to be used.

2. Weirs that had no measurement device were greater than 4' in width. Good candidates for data logger and transducer for measuring water level in flume or weir.

3. For certain pump applications, whether surface or shallow well, it is often that a "worst" case scenario is calculated by multiplying pump capacity by run hours to get max volume. Many pumps and wells had no observable flow meters, but had hour meters.

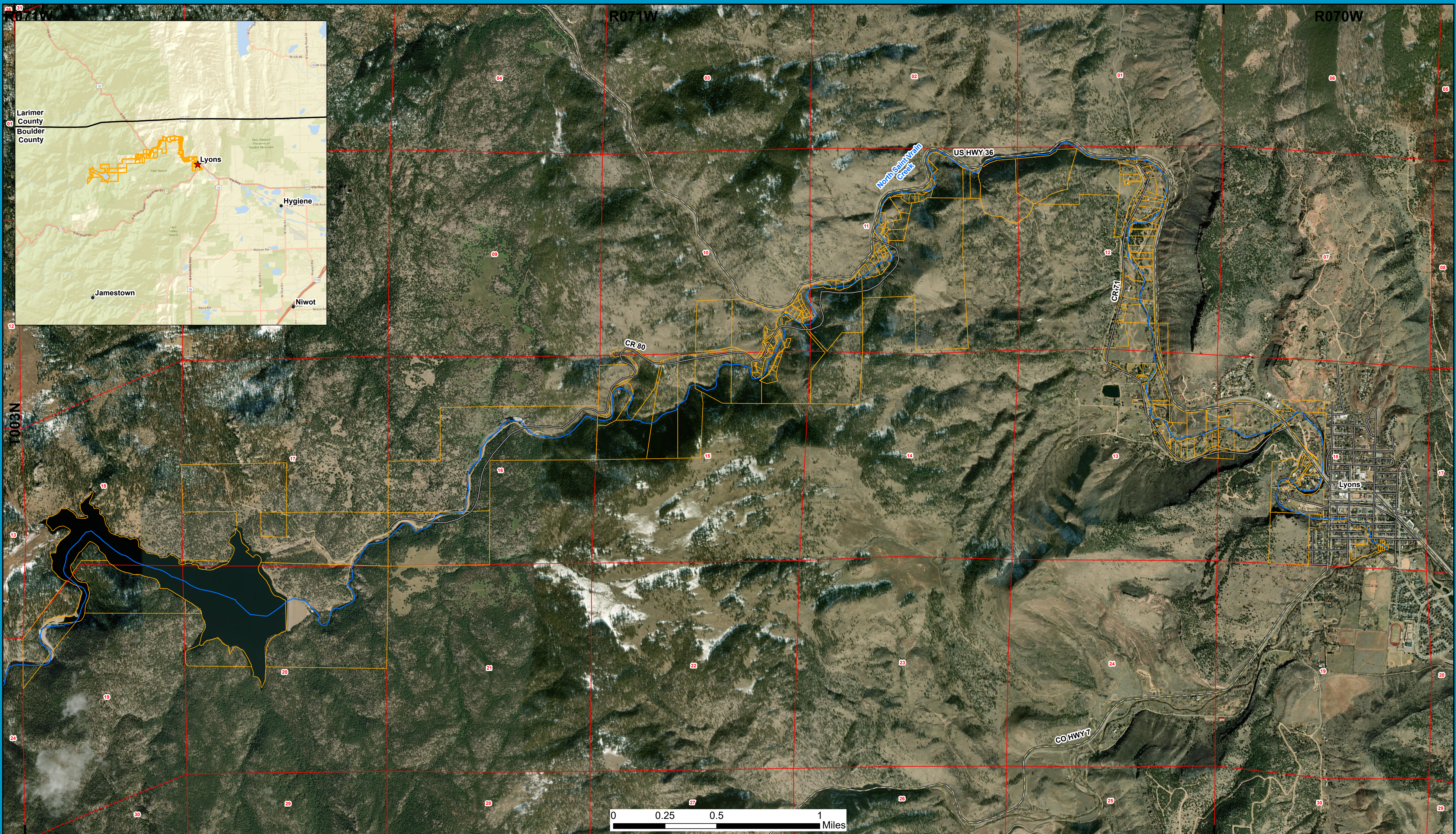
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## APPENDICES

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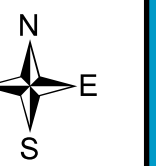
## **APPENDIX A – MAPS**



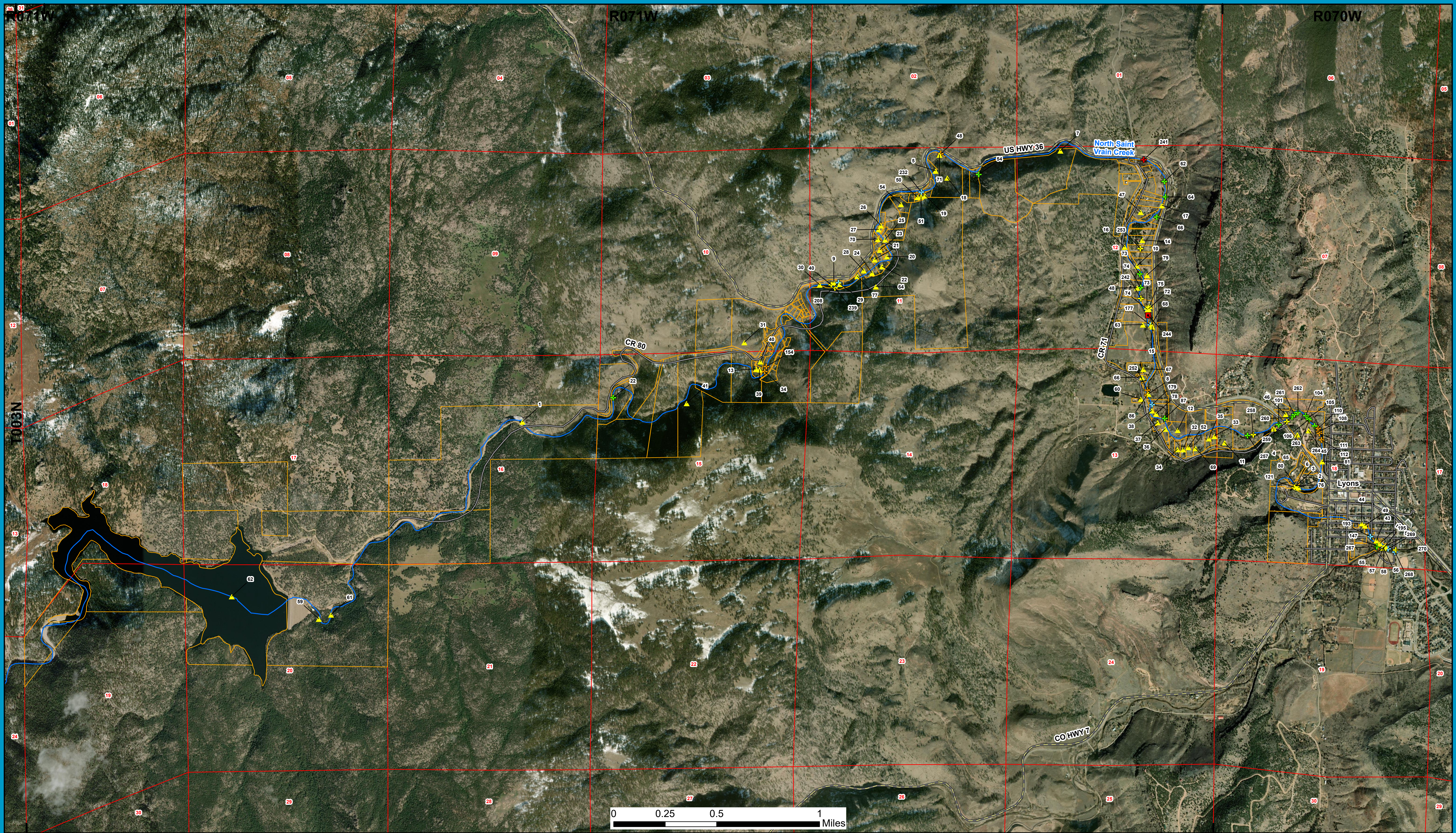


**Figure 1.0 - General Location Map**

- |  |  |
|--|--|
| <span style="color: blue;">—</span> North Saint Vrain Creek      | <span style="color: gray;">—</span> Local Road |
| <span style="border: 1px solid yellow;"> </span> Parcel Boundary | <span style="color: gray;">—</span> Highway    |







**Figure 1.1 - Bypass Diversion Locations & Field Observations**



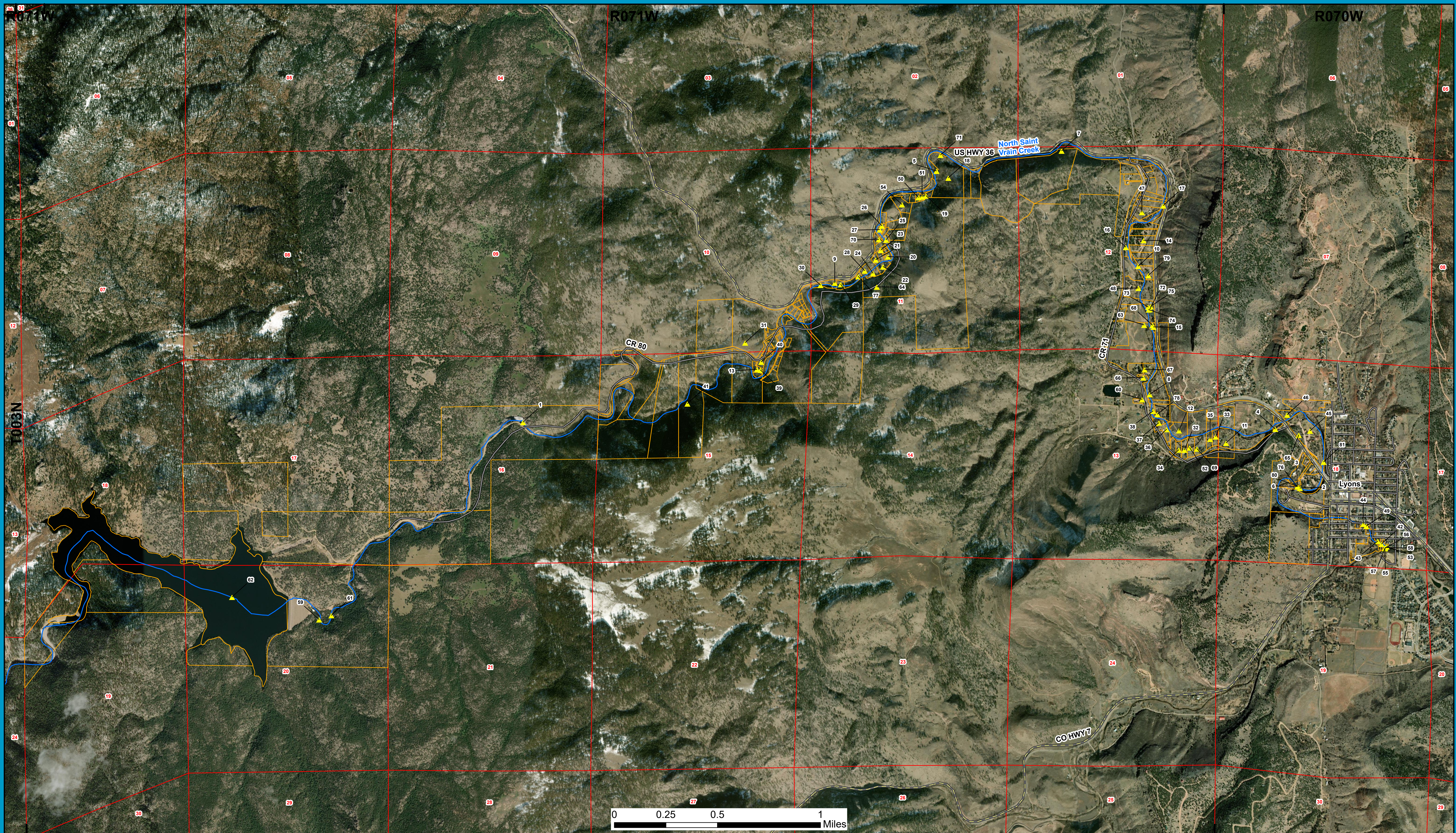
100 W. Foothillway, Buffalo, WY 82804  
Phone: 307.684.2112 Fax: 307.684.2142

- |                           |                                  |             |                  |                                   |
|---------------------------|----------------------------------|-------------|------------------|-----------------------------------|
| — North Saint Vrain Creek | — Highway                        | ✚ Diversion | ✚ River Crossing | ▲ Permitted Surface Water Feature |
| ▭ Parcel Boundary         | ✚ Correlates to Other Data- Look | ✚ Other     | ■ Shallow Wells  |                                   |
| — Local Road              | ✚ Ditch                          | ✚ Pump      | ✚ Weir           |                                   |

Coordinate System: NAD 1983 UTM Zone 13N  
Projection: Transverse Mercator  
Datum: North American 1983  
Map Units: Meter  
Scale: 1:13,500  
Date: 8/1/2025  
Created by: kmccartney  
File Name: Lyons\_Fig\_1.1\_Field\_Observations\_07012025



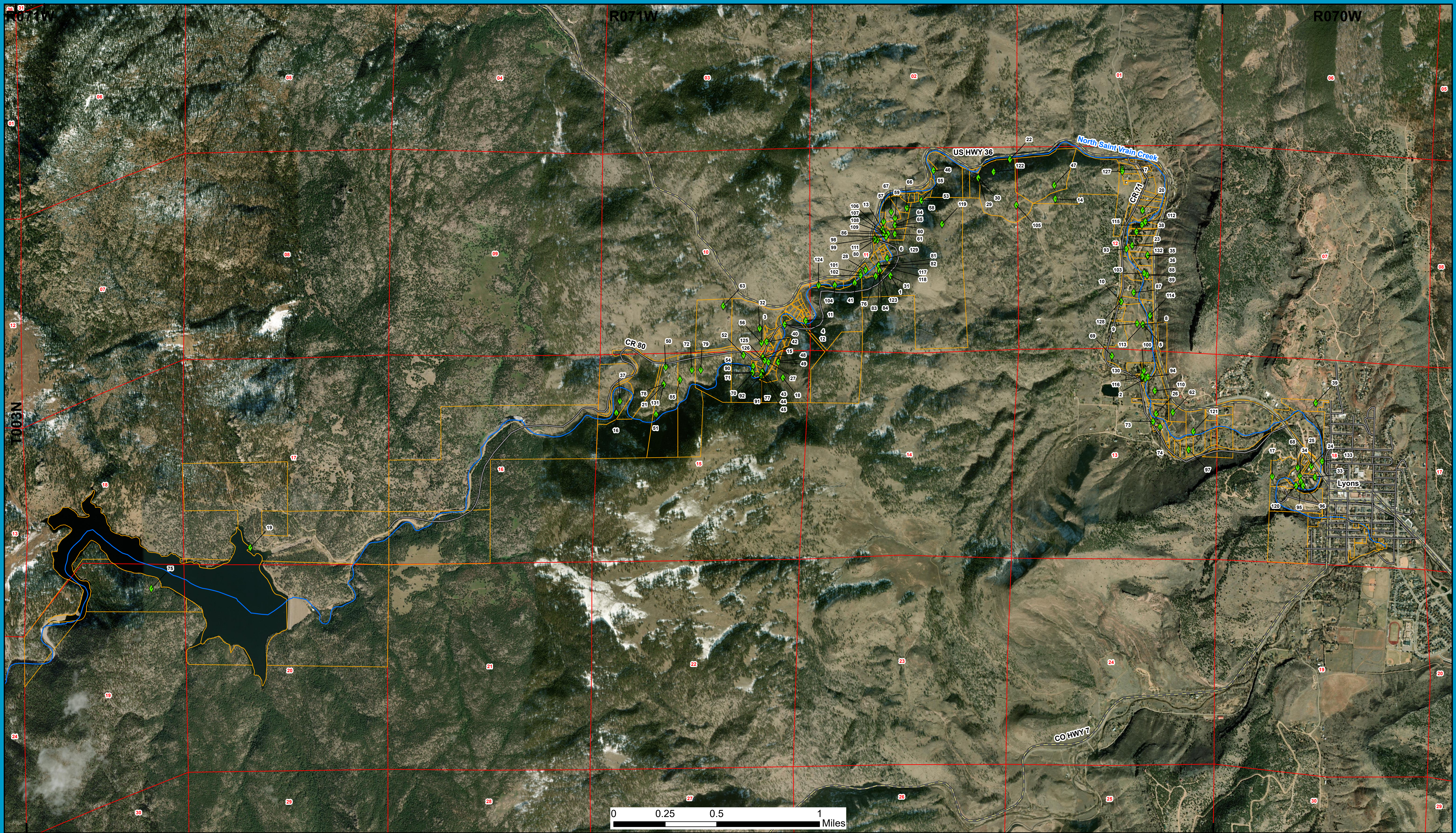




**Figure 1.2 - Permitted Surface Water Features**

- Permitted Surface Water Feature
- Parcel Boundary
- Highway
- North Saint Vrain Creek
- Local Road





**Figure 1.3 - Permitted Shallow Wells**

- ◆ Permitted Shallow Well
  Parcel Boundary
  Highway
- North Saint Vrain Creek
  Local Road





## **APPENDIX B – TABLES**

Table 1.2: Permitted Surface Water Features: North St. Vrain Project Area (CO DWR Data As Of 07/02/2025)

Map ID	More Info	WDID	StructType	Feature Typ	Struct Name	Curr In Use	Water Source	Water Source mi	Assoc Case No.	DCRratAbs	DcrRatCond	DcrRatAPab	DcrRatAPco	DcrVolAPab	Township	Range	Section	Loc Accurac	LatDecDeg	LongDecDeg	Div Rec Start	Div Rec End	Struct Key
1	<a href="https://dwr.state.co.us/Tools/Structures/0500511">https://dwr.state.co.us/Tools/Structures/0500511</a>	0500511	Pipeline	Point of Diversion	LONGMONT NORTH PIPELINE	Active Structure with contemporary diversion records (A)	NORTH SAINT VRAIN CREEK [00178190]	8.43	Multiple	40.8	0	792.26	75	2804.6	3.0 N	71.0 W	16	Digitized	40.229305	-105.345923	1954	2021	Surface
2	<a href="https://dwr.state.co.us/Tools/Structures/0500516">https://dwr.state.co.us/Tools/Structures/0500516</a>	0500516	Ditch	Point of Diversion	LYONS DITCH	Active Structure with contemporary diversion records (A)	NORTH SAINT VRAIN CREEK [00178190]	0.84	CA4790	4.25	0	0	0	0	3.0 N	70.0 W	18	Spotted from section lines	40.224865	-105.274613	1976	1988	Surface
3	<a href="https://dwr.state.co.us/Tools/Structures/0500695">https://dwr.state.co.us/Tools/Structures/0500695</a>	0500695	Pipeline	Point of Diversion	C B Q PIPELINE	Historical structure only - no longer exists or has records, but has historical data (H)	NORTH SAINT VRAIN CREEK [00178190]	1.04	CA6673	0.1286	0	0	0	0	3.0 N	70.0 W	18	Spotted from quarters	40.224977	-105.274849	0	0	Surface
4	<a href="https://dwr.state.co.us/Tools/Structures/0500729">https://dwr.state.co.us/Tools/Structures/0500729</a>	0500729	Ditch	Point of Diversion	EVANS DITCH	Active Structure with contemporary diversion records (A)	NORTH SAINT VRAIN CREEK [00178190]	1.5	CA4790	4	0	0	0	0	3.0 N	70.0 W	18	Digitized	40.229013	-105.276899	2011	2011	Surface
5	<a href="https://dwr.state.co.us/Tools/Structures/0500858">https://dwr.state.co.us/Tools/Structures/0500858</a>	0500858	Ditch	Point of Diversion	HALL FISH DITCH	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	4.9	90CW0198	5	0	0	0	0	3.0 N	71.0 W	11	Spotted from section lines	40.247089	-105.30806	0	0	Surface
6	<a href="https://dwr.state.co.us/Tools/Structures/0500887">https://dwr.state.co.us/Tools/Structures/0500887</a>	0500887	Ditch	Point of Diversion	SITES DITCH	Historical structure only - no longer exists or has records, but has historical data (H)	NORTH SAINT VRAIN CREEK [00178190]	1.04	01CW0273, CA4790	0	0	0	0	0	3.0 N	70.0 W	18	Spotted from quarters	40.224977	-105.274849	0	0	Surface
7	<a href="https://dwr.state.co.us/Tools/Structures/0501042">https://dwr.state.co.us/Tools/Structures/0501042</a>	0501042	Pipeline	Point of Diversion	LONGMONT NORTH PIPELINE ALT PT A	Active Structure with contemporary diversion records (A)	NORTH SAINT VRAIN CREEK [00178190]	4.11	Multiple	0	0	121.63	0	0	3.0 N	71.0 W	12	Digitized	40.248533	-105.29659	0	0	Surface
8	<a href="https://dwr.state.co.us/Tools/Structures/0501043">https://dwr.state.co.us/Tools/Structures/0501043</a>	0501043	Pipeline	Point of Diversion	LONGMONT NORTH PIPELINE ALT PT B	Active Structure with contemporary diversion records (A)	NORTH SAINT VRAIN CREEK [00178190]	2.29	Multiple	0	0	121.63	0	0	3.0 N	71.0 W	13	Digitized	40.231427	-105.288428	0	0	Surface
9	<a href="https://dwr.state.co.us/Tools/Structures/0501046">https://dwr.state.co.us/Tools/Structures/0501046</a>	0501046	Pump	Point of Diversion	LAWSON PUMP	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	5.89		0	0	0	0	0	3.0 N	71.0 W	11	User supplied	40.239189	-105.31737	0	0	Surface
10	<a href="https://dwr.state.co.us/Tools/Structures/0501050">https://dwr.state.co.us/Tools/Structures/0501050</a>	0501050	Ditch	Point of Diversion	SOSEY DITCH	Active Structure with contemporary diversion records (A)	NORTH SAINT VRAIN CREEK [00178190]	2.96	Multiple	3.18	5	0	0	0	3.0 N	71.0 W	12	GPS	40.240442	-105.289525	2019	2021	Surface
11	<a href="https://dwr.state.co.us/Tools/Structures/0501051">https://dwr.state.co.us/Tools/Structures/0501051</a>	0501051	Pump	Point of Diversion	DEBOOM PUMP	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	1.72		0	0	0	0	0	3.0 N	70.0 W	18	User supplied	40.22802	-105.281408	0	0	Surface
12	<a href="https://dwr.state.co.us/Tools/Structures/0501052">https://dwr.state.co.us/Tools/Structures/0501052</a>	0501052	Pump	Point of Diversion	KING PUMP	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	2.01		0	0	0	0	0	3.0 N	71.0 W	13	User supplied	40.228884	-105.285726	0	0	Surface
13	<a href="https://dwr.state.co.us/Tools/Structures/0501055">https://dwr.state.co.us/Tools/Structures/0501055</a>	0501055	Pump	Point of Diversion	JEFFERY PUMP	Active structure but diversion records are not maintained (U)	SAINT VRAIN CREEK [00205012]	32.25		0	0	0	0	0	3.0 N	71.0 W	15	User supplied	40.233088	-105.324477	0	0	Surface
14	<a href="https://dwr.state.co.us/Tools/Structures/0501059">https://dwr.state.co.us/Tools/Structures/0501059</a>	0501059	Ditch	Point of Diversion	BAURICK SURFACE DIVERSION	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	3.11		0	0	0	0	0	3.0 N	71.0 W	12	User supplied	40.242263	-105.289039	0	0	Surface
15	<a href="https://dwr.state.co.us/Tools/Structures/0501198">https://dwr.state.co.us/Tools/Structures/0501198</a>	0501198	Pump	Point of Diversion	WILSON, JAMES PUMP	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	2.63		0	0	0	0	0	3.0 N	71.0 W	12	User supplied	40.236166	-105.288096	0	0	Surface
16	<a href="https://dwr.state.co.us/Tools/Structures/0501199">https://dwr.state.co.us/Tools/Structures/0501199</a>	0501199	Pump	Point of Diversion	REED PUMP	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	3.06		0	0	0	0	0	3.0 N	71.0 W	12	User supplied	40.241773	-105.290659	0	0	Surface
17	<a href="https://dwr.state.co.us/Tools/Structures/0501200">https://dwr.state.co.us/Tools/Structures/0501200</a>	0501200	Pump	Point of Diversion	BIEL PUMP 2	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	3.38		0	0	0	0	0	3.0 N	71.0 W	12	User supplied	40.24471	-105.287239	0	0	Surface
18	<a href="https://dwr.state.co.us/Tools/Structures/0501201">https://dwr.state.co.us/Tools/Structures/0501201</a>	0501201	Pump	Point of Diversion	ROCK N RIVER PUMP	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	4.95		0	0	0	0	0	3.0 N	71.0 W	11	User supplied	40.246605	-105.306976	0	0	Surface
19	<a href="https://dwr.state.co.us/Tools/Structures/0501202">https://dwr.state.co.us/Tools/Structures/0501202</a>	0501202	Pump	Point of Diversion	SIMS PUMP 1	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	5.03		0	0	0	0	0	3.0 N	71.0 W	11	User supplied	40.245347	-105.309016	0	0	Surface

Map ID	More Info	WDID	StructType	Feature Typ	Struct Name	Curr In Use	Water Source	Water Source mi	Assoc Case No.	DCRratAbs	DcrRat Cond	DcrRat APab	DcrRat APco	DcrVolAPab	Township	Range	Section	Loc Accurac	LatDecDeg	LongDecDeg	Div Rec Start	Div Rec End	Struct Key
20	<a href="https://dwr.state.co.us/Tools/Structures/0501204">https://dwr.state.co.us/Tools/Structures/0501204</a>	0501204	Pump	Point of Diversion	HAMMAN PUMP	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	5.58		0	0	0	0	0	3.0 N	71.0 W	11	User supplied	40.241049	-105.3125	0	0	Surface
21	<a href="https://dwr.state.co.us/Tools/Structures/0501205">https://dwr.state.co.us/Tools/Structures/0501205</a>	0501205	Pump	Point of Diversion	KUMPF/BERG PUMP	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	5.63		0	0	0	0	0	3.0 N	71.0 W	11	User supplied	40.24083	-105.313616	0	0	Surface
22	<a href="https://dwr.state.co.us/Tools/Structures/0501207">https://dwr.state.co.us/Tools/Structures/0501207</a>	0501207	Ditch	Point of Diversion	OLSON SURFACE DIVERSION	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	5.62		0	0	0	0	0	3.0 N	71.0 W	11	User supplied	40.240345	-105.312943	0	0	Surface
23	<a href="https://dwr.state.co.us/Tools/Structures/0501208">https://dwr.state.co.us/Tools/Structures/0501208</a>	0501208	Pump	Point of Diversion	SHELLY S COTTAGES PUMP	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	5.5		0	0	0	0	0	3.0 N	71.0 W	11	User supplied	40.241507	-105.313148	0	0	Surface
24	<a href="https://dwr.state.co.us/Tools/Structures/0501209">https://dwr.state.co.us/Tools/Structures/0501209</a>	0501209	Pump	Point of Diversion	SNYDER PUMP	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	5.69		0	0	0	0	0	3.0 N	71.0 W	11	User supplied	40.239874	-105.313858	0	0	Surface
25	<a href="https://dwr.state.co.us/Tools/Structures/0501210">https://dwr.state.co.us/Tools/Structures/0501210</a>	0501210	Pump	Point of Diversion	CLEVELAND PUMP	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	5.46		0	0	0	0	0	3.0 N	71.0 W	11	User supplied	40.242229	-105.31267	0	0	Surface
26	<a href="https://dwr.state.co.us/Tools/Structures/0501211">https://dwr.state.co.us/Tools/Structures/0501211</a>	0501211	Pump	Point of Diversion	COPPOLECCHIA PUMP	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	5.36		0	0	0	0	0	3.0 N	71.0 W	11	User supplied	40.243219	-105.313062	0	0	Surface
27	<a href="https://dwr.state.co.us/Tools/Structures/0501212">https://dwr.state.co.us/Tools/Structures/0501212</a>	0501212	Pump	Point of Diversion	HILTON PUMP	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	5.41		0	0	0	0	0	3.0 N	71.0 W	11	User supplied	40.242948	-105.313261	0	0	Surface
28	<a href="https://dwr.state.co.us/Tools/Structures/0501213">https://dwr.state.co.us/Tools/Structures/0501213</a>	0501213	Pump	Point of Diversion	HUTCHINSON PUMP	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	5.71		0	0	0	0	0	3.0 N	71.0 W	11	User supplied	40.240053	-105.314623	0	0	Surface
29	<a href="https://dwr.state.co.us/Tools/Structures/0501214">https://dwr.state.co.us/Tools/Structures/0501214</a>	0501214	Pump	Point of Diversion	KENDALL PUMP	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	5.85		0	0	0	0	0	3.0 N	71.0 W	11	User supplied	40.239092	-105.316817	0	0	Surface
30	<a href="https://dwr.state.co.us/Tools/Structures/0501215">https://dwr.state.co.us/Tools/Structures/0501215</a>	0501215	Pump	Point of Diversion	ROUTZON PUMP	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	5.96		0	0	0	0	0	3.0 N	71.0 W	11	User supplied	40.239032	-105.318674	0	0	Surface
31	<a href="https://dwr.state.co.us/Tools/Structures/0501216">https://dwr.state.co.us/Tools/Structures/0501216</a>	0501216	Pump	Point of Diversion	HANLEY PUMP	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	6.84		0	0	0	0	0	3.0 N	71.0 W	10	User supplied	40.234959	-105.325567	0	0	Surface
32	<a href="https://dwr.state.co.us/Tools/Structures/0501218">https://dwr.state.co.us/Tools/Structures/0501218</a>	0501218	Pump	Point of Diversion	DEAN PUMP 1	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	1.98		0	0	0	0	0	3.0 N	71.0 W	13	User supplied	40.227525	-105.285227	0	0	Surface
33	<a href="https://dwr.state.co.us/Tools/Structures/0501219">https://dwr.state.co.us/Tools/Structures/0501219</a>	0501219	Pump	Point of Diversion	JOHNSON PUMP	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	1.82		0	0	0	0	0	3.0 N	71.0 W	13	User supplied	40.228469	-105.282362	0	0	Surface
34	<a href="https://dwr.state.co.us/Tools/Structures/0501220">https://dwr.state.co.us/Tools/Structures/0501220</a>	0501220	Pump	Point of Diversion	MCGUCKIN PUMP	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	1.99		0	0	0	0	0	3.0 N	71.0 W	13	User supplied	40.227532	-105.285744	0	0	Surface
35	<a href="https://dwr.state.co.us/Tools/Structures/0501221">https://dwr.state.co.us/Tools/Structures/0501221</a>	0501221	Pump	Point of Diversion	SPYCHALLA PUMP	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	1.85		0	0	0	0	0	3.0 N	71.0 W	13	User supplied	40.228296	-105.282867	0	0	Surface
36	<a href="https://dwr.state.co.us/Tools/Structures/0501222">https://dwr.state.co.us/Tools/Structures/0501222</a>	0501222	Pump	Point of Diversion	HOOLEY PUMP	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	2.07		0	0	0	0	0	3.0 N	71.0 W	13	User supplied	40.228971	-105.286866	0	0	Surface
37	<a href="https://dwr.state.co.us/Tools/Structures/0501223">https://dwr.state.co.us/Tools/Structures/0501223</a>	0501223	Pump	Point of Diversion	LEVINE PUMP	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	2.14		0	0	0	0	0	3.0 N	71.0 W	13	User supplied	40.229429	-105.287574	0	0	Surface
38	<a href="https://dwr.state.co.us/Tools/Structures/0501224">https://dwr.state.co.us/Tools/Structures/0501224</a>	0501224	Pump	Point of Diversion	PETERSON PUMP	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	2.2		0	0	0	0	0	3.0 N	71.0 W	13	User supplied	40.230256	-105.288106	0	0	Surface
39	<a href="https://dwr.state.co.us/Tools/Structures/0501225">https://dwr.state.co.us/Tools/Structures/0501225</a>	0501225	Pump	Point of Diversion	GREEN PUMP	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	6.67		0	0	0	0	0	3.0 N	71.0 W	15	User supplied	40.233044	-105.324159	0	0	Surface
40	<a href="https://dwr.state.co.us/Tools/Structures/0501226">https://dwr.state.co.us/Tools/Structures/0501226</a>	0501226	Pump	Point of Diversion	ROSS PUMP	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	6.62		0	0	0	0	0	3.0 N	71.0 W	15	User supplied	40.233612	-105.324091	0	0	Surface
Map ID	More Info	WDID	StructType	Feature Typ	Struct Name	Curr In Use	Water Source	Water Source mi	Assoc Case No.	DCRratAbs	DcrRat Cond	DcrRat APab	DcrRat APco	DcrVolAPab	Township	Range	Section	Loc Accurac	LatDecDeg	LongDecDeg	Div Rec Start	Div Rec End	Struct Key



41	<a href="https://dwr.state.co.us/Tools/Structures/0501227">https://dwr.state.co.us/Tools/Structures/0501227</a>	0501227	Pump	Point of Diversion	SIDWELL PUMP	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	7.26		0	0	0	0	0	3.0 N	71.0 W	15	User supplied	40.230656	-105.330848	0	0	Surface
42	<a href="https://dwr.state.co.us/Tools/Structures/0501228">https://dwr.state.co.us/Tools/Structures/0501228</a>	0501228	Pump	Point of Diversion	BANTA PUMP	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	0.03		0	0	0	0	0	3.0 N	70.0 W	18	User supplied	40.220946	-105.267111	0	0	Surface
43	<a href="https://dwr.state.co.us/Tools/Structures/0501229">https://dwr.state.co.us/Tools/Structures/0501229</a>	0501229	Pump	Point of Diversion	THOMAS PUMP	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	0.05		0	0	0	0	0	3.0 N	70.0 W	18	User supplied	40.221152	-105.267453	0	0	Surface
44	<a href="https://dwr.state.co.us/Tools/Structures/0501231">https://dwr.state.co.us/Tools/Structures/0501231</a>	0501231	Pump	Point of Diversion	GRACE PUMP	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	0.17		0	0	0	0	0	3.0 N	70.0 W	18	User supplied	40.222347	-105.268797	0	0	Surface
45	<a href="https://dwr.state.co.us/Tools/Structures/0501233">https://dwr.state.co.us/Tools/Structures/0501233</a>	0501233	Pump	Point of Diversion	FERGUSON PUMP	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	1.24		0	0	0	0	0	3.0 N	70.0 W	18	User supplied	40.228895	-105.273701	0	0	Surface
46	<a href="https://dwr.state.co.us/Tools/Structures/0501234">https://dwr.state.co.us/Tools/Structures/0501234</a>	0501234	Pump	Point of Diversion	SELF PUMP	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	1.41		0	0	0	0	0	3.0 N	70.0 W	18	User supplied	40.230016	-105.27581	0	0	Surface
47	<a href="https://dwr.state.co.us/Tools/Structures/0501268">https://dwr.state.co.us/Tools/Structures/0501268</a>	0501268	Pump	Point of Diversion	BIEL PUMP 1	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	3.23		0	0	0	0	0	3.0 N	71.0 W	12	User supplied	40.244236	-105.2892	0	0	Surface
48	<a href="https://dwr.state.co.us/Tools/Structures/0501273">https://dwr.state.co.us/Tools/Structures/0501273</a>	0501273	Pump	Point of Diversion	TORRES-ROONEY SURFACE DIVERSION	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	2.83		0	0	0	0	0	3.0 N	71.0 W	12	User supplied	40.238902	-105.289495	0	0	Surface
49	<a href="https://dwr.state.co.us/Tools/Structures/0501274">https://dwr.state.co.us/Tools/Structures/0501274</a>	0501274	Ditch	Point of Diversion	ALEX SURFACE DIVERSION	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	0.16		0	0	0	0	0	3.0 N	70.0 W	18	User supplied	40.222204	-105.268515	0	0	Surface
50	<a href="https://dwr.state.co.us/Tools/Structures/0501288">https://dwr.state.co.us/Tools/Structures/0501288</a>	0501288	Pump	Point of Diversion	SIMS PUMP 2	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	5.06		0	0	0	0	0	3.0 N	71.0 W	11	User supplied	40.245228	-105.309721	0	0	Surface
51	<a href="https://dwr.state.co.us/Tools/Structures/0501289">https://dwr.state.co.us/Tools/Structures/0501289</a>	0501289	Pump	Point of Diversion	SIMS PUMP 3	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	5.04		0	0	0	0	0	3.0 N	71.0 W	11	User supplied	40.245274	-105.30938	0	0	Surface
52	<a href="https://dwr.state.co.us/Tools/Structures/0501295">https://dwr.state.co.us/Tools/Structures/0501295</a>	0501295	Pump	Point of Diversion	DEAN PUMP 2	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	1.97		0	0	0	0	0	3.0 N	71.0 W	13	User supplied	40.227679	-105.284745	0	0	Surface
53	<a href="https://dwr.state.co.us/Tools/Structures/0501299">https://dwr.state.co.us/Tools/Structures/0501299</a>	0501299	Pump	Point of Diversion	SMITH PUMP	Active structure but diversion records are not maintained (U)	SAINT VRAIN CREEK [00205012]	32.25		0	0	0	0	0	3.0 N	70.0 W	18	User supplied	40.220767	-105.26664	0	0	Surface
54	<a href="https://dwr.state.co.us/Tools/Structures/0501300">https://dwr.state.co.us/Tools/Structures/0501300</a>	0501300	Pump	Point of Diversion	GLOISTEN PUMP	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	5.14		0	0	0	0	0	3.0 N	71.0 W	11	User supplied	40.244729	-105.311223	0	0	Surface
55	<a href="https://dwr.state.co.us/Tools/Structures/0502025">https://dwr.state.co.us/Tools/Structures/0502025</a>	0502025	Reach	Lower Terminus	SVLHWCD NORTH ST VRAIN CREEK IMPACT REACH	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	0		0	0	0	0	0	3.0 N	70.0 W	18	Digitized	40.22064	-105.266804	0	0	Surface
56	<a href="https://dwr.state.co.us/Tools/Structures/0502026">https://dwr.state.co.us/Tools/Structures/0502026</a>	0502026	Reach	Lower Terminus	SVLHWCD SOUTH ST VRAIN CREEK IMPACT REACH	Active structure but diversion records are not maintained (U)	SOUTH SAINT VRAIN CREEK [00178246]	0.01		0	0	0	0	0	3.0 N	70.0 W	18	Digitized	40.22064	-105.266804	0	0	Surface
57	<a href="https://dwr.state.co.us/Tools/Structures/0502027">https://dwr.state.co.us/Tools/Structures/0502027</a>	0502027	Reach	Upper Terminus	SVLHWCD ST VRAIN CREEK IMPACT REACH	Active structure but diversion records are not maintained (U)	SAINT VRAIN CREEK [00205012]	32.25		0	0	0	0	0	3.0 N	70.0 W	18	Digitized	40.22064	-105.266804	0	0	Surface
58	<a href="https://dwr.state.co.us/Tools/Structures/0502128">https://dwr.state.co.us/Tools/Structures/0502128</a>	0502128	Minimum Flow	Lower Terminus	N ST VRAIN CR MIN FLOW 2	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	0.01	87CW0282	21	0	0	0	0	3.0 N	70.0 W	18	Digitized	40.220694	-105.266769	0		Minimum Flow
59	<a href="https://dwr.state.co.us/Tools/Structures/0502128">https://dwr.state.co.us/Tools/Structures/0502128</a>	0502128	Minimum Flow	Upper Terminus	N ST VRAIN CR MIN FLOW 2	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	10.15	87CW0282	21	0	0	0	0	3.0 N	71.0 W	20	Digitized	40.215364	-105.364561	0		Minimum Flow
60	<a href="https://dwr.state.co.us/Tools/Structures/0502301">https://dwr.state.co.us/Tools/Structures/0502301</a>	0502301	Other	Point of Diversion	ANDERSON DITCH RT OUTLET	Active Structure with contemporary diversion records (A)	NORTH SAINT VRAIN CREEK [00178190]	2.28		0	0	0	0	0	3.0 N	71.0 W	13	Digitized	40.231065	-105.28912	0	0	Other
61	<a href="https://dwr.state.co.us/Tools/Structures/0503204">https://dwr.state.co.us/Tools/Structures/0503204</a>	0503204	Stream Gage	Other	NORTH SAINT VRAIN CREEK BELOW BUTTON ROCK RESERVOI	Active structure but diversion records are not maintained (U)	NORTH SAINT VRAIN CREEK [00178190]	10.05		0	0	0	0	0	3.0 N	71.0 W	20	Digitized	40.215665	-105.363434	0	0	Other
Map ID	More Info	WDID	StructType	Feature Typ	Struct Name	Curr In Use	Water Source	Water Source mi	Assoc Case No.	DCRratAbs	DcrRatCond	DcrRatAPab	DcrRatAPco	DcrVolAPab	Township	Range	Section	Loc Accurac	LatDecDeg	LongDecDeg	Div Rec Start	Div Rec End	Struct Key



62	<a href="https://dwr.state.co.us/Tools/Structures/0504010">https://dwr.state.co.us/Tools/Structures/0504010</a>	0504010	Reservoir	Other	BUTTON ROCK RES	Active Structure with contemporary diversion records (A)	NORTH SAINT VRAIN CREEK [00178190]	10.7	Multiple	0	0	258.26	593	23475.5	3.0 N	71.0 W	20	GPS	40.216925	-105.372561	1975	2021	Reservoir
63	<a href="https://dwr.state.co.us/Tools/Structures/0504099">https://dwr.state.co.us/Tools/Structures/0504099</a>	0504099	Reservoir	Other	APPLE VALLEY POND	Non-existent structure with no contemporary or historical record (N)	NORTH SAINT VRAIN CREEK [00178190]	0	18CW3217	0	0	0	0	0	3.0 N	71.0 W	12	Spotted from quarters	40.236302	-105.288961	0	0	Reservoir
64	<a href="https://dwr.state.co.us/Tools/Structures/0505251">https://dwr.state.co.us/Tools/Structures/0505251</a>	0505251	Well	Point of Diversion	MARTIN WELL 1	Active structure but diversion records are not maintained (U)	GROUNDWATER: SAINT VRAIN CREEK	0	W7165	0.022	0	0	0	0	3.0 N	71.0 W	11	GPS	40.23892	-105.313501	0	0	Ground Water
65	<a href="https://dwr.state.co.us/Tools/Structures/0505354">https://dwr.state.co.us/Tools/Structures/0505354</a>	0505354	Well	Point of Diversion	STEAMBOAT WTR CO WELL	Active structure but diversion records are not maintained (U)	GROUNDWATER: SAINT VRAIN CREEK	0	W4148	0.056	0	0	0	0	3.0 N	70.0 W	18	Spotted from quarters	40.228601	-105.274736	0	0	Ground Water
66	<a href="https://dwr.state.co.us/Tools/Structures/0505454">https://dwr.state.co.us/Tools/Structures/0505454</a>	0505454	Well	Point of Diversion	SISK HOUSE WELL	Active structure but diversion records are not maintained (U)	GROUNDWATER: SAINT VRAIN CREEK	0	92CW0036	0.031	0	0	0	0	3.0 N	71.0 W	13	Spotted from quarters	40.232598	-105.289022	0	0	Ground Water
67	<a href="https://dwr.state.co.us/Tools/Structures/0505494">https://dwr.state.co.us/Tools/Structures/0505494</a>	0505494	Well	Point of Diversion	COFFEY WELL	Active structure but diversion records are not maintained (U)	GROUNDWATER: SAINT VRAIN CREEK	0		0	0	0	0	0	3.0 N	71.0 W	13	User supplied	40.233173	-105.288894	0	0	Ground Water
68	<a href="https://dwr.state.co.us/Tools/Structures/0505503">https://dwr.state.co.us/Tools/Structures/0505503</a>	0505503	Well	Point of Diversion	WILSON WELL	Active structure but diversion records are not maintained (U)	GROUNDWATER: SAINT VRAIN CREEK	0		0	0	0	0	0	3.0 N	71.0 W	12	GPS	40.236292	-105.28819	0	0	Ground Water
69	<a href="https://dwr.state.co.us/Tools/Structures/0505506">https://dwr.state.co.us/Tools/Structures/0505506</a>	0505506	Well	Point of Diversion	WELKE WELL	Active structure but diversion records are not maintained (U)	GROUNDWATER: SAINT VRAIN CREEK	0		0	0	0	0	0	3.0 N	71.0 W	13	GPS	40.227608	-105.284075	0	0	Ground Water
70	<a href="https://dwr.state.co.us/Tools/Structures/0505511">https://dwr.state.co.us/Tools/Structures/0505511</a>	0505511	Well	Point of Diversion	SHELLY S COTTAGES WELL	Active structure but diversion records are not maintained (U)	GROUNDWATER: SAINT VRAIN CREEK	0		0	0	0	0	0	3.0 N	71.0 W	11	GPS	40.242263	-105.31334	0	0	Ground Water
71	<a href="https://dwr.state.co.us/Tools/Structures/0505513">https://dwr.state.co.us/Tools/Structures/0505513</a>	0505513	Well	Point of Diversion	ROCK N RIVER WELL	Active structure but diversion records are not maintained (U)	GROUNDWATER: SAINT VRAIN CREEK	0		0	0	0	0	0	3.0 N	71.0 W	11	Digitized	40.248216	-105.3077	0	0	Ground Water
72	<a href="https://dwr.state.co.us/Tools/Structures/0505557">https://dwr.state.co.us/Tools/Structures/0505557</a>	0505557	Well	Point of Diversion	RIVER FOURSQUARE CHURCH WELL 23931	Active structure but diversion records are not maintained (U)	GROUNDWATER: SAINT VRAIN CREEK	0		0	0	0	0	0	3.0 N	71.0 W	12	Digitized	40.237418	-105.28843	0	0	Ground Water
73	<a href="https://dwr.state.co.us/Tools/Structures/0505558">https://dwr.state.co.us/Tools/Structures/0505558</a>	0505558	Well	Point of Diversion	RIVER FOURSQUARE CHURCH WELL 19449	Active structure but diversion records are not maintained (U)	GROUNDWATER: SAINT VRAIN CREEK	0		0	0	0	0	0	3.0 N	71.0 W	12	GPS	40.237571	-105.288596	0	0	Ground Water
74	<a href="https://dwr.state.co.us/Tools/Structures/0505561">https://dwr.state.co.us/Tools/Structures/0505561</a>	0505561	Well	Point of Diversion	RIVER FOURSQUARE CHURCH WELL 169365	Active structure but diversion records are not maintained (U)	GROUNDWATER: SAINT VRAIN CREEK	0		0	0	0	0	0	3.0 N	71.0 W	12	GPS	40.237382	-105.288548	0	0	Ground Water
75	<a href="https://dwr.state.co.us/Tools/Structures/0505562">https://dwr.state.co.us/Tools/Structures/0505562</a>	505562	Well	Point of Diversion	RIVER FOURSQUARE CHURCH WELL 91968	Active structure but diversion records are not maintained (U)	GROUNDWATER: SAINT VRAIN CREEK	0		0	0	0	0	0	3.0 N	71.0 W	12	Digitized	40.237616	-105.288361	0	0	Ground Water
76	<a href="https://dwr.state.co.us/Tools/Structures/0505571">https://dwr.state.co.us/Tools/Structures/0505571</a>	0505571	Well	Point of Diversion	LYONS PROPERTIES WELL 1	Active structure but diversion records are not maintained (U)	GROUNDWATER: SAINT VRAIN CREEK	0		0	0	0	0	0	3.0 N	70.0 W	18	Spotted from quarters	40.224977	-105.274849	0	0	Ground Water
77	<a href="https://dwr.state.co.us/Tools/Structures/0505578">https://dwr.state.co.us/Tools/Structures/0505578</a>	0505578	Well	Point of Diversion	HOLTHUS WELL	Active structure but diversion records are not maintained (U)	GROUNDWATER: SAINT VRAIN CREEK	0		0	0	0	0	0	3.0 N	71.0 W	11	GPS	40.239655	-105.315209	0	0	Ground Water
78	<a href="https://dwr.state.co.us/Tools/Structures/0505583">https://dwr.state.co.us/Tools/Structures/0505583</a>	0505583	Well	Point of Diversion	FORSBERG WELL 140556	Active structure but diversion records are not maintained (U)	GROUNDWATER: SAINT VRAIN CREEK	0		0	0	0	0	0	3.0 N	71.0 W	13	Spotted from section lines	40.230023	-105.287717	0	0	Ground Water
79	<a href="https://dwr.state.co.us/Tools/Structures/0505598">https://dwr.state.co.us/Tools/Structures/0505598</a>	0505598	Well	Point of Diversion	FLOWERS GROUNDWATER DIVERSION	Active structure but diversion records are not maintained (U)	GROUNDWATER: SAINT VRAIN CREEK	0		0	0	0	0	0	3.0 N	71.0 W	12	Spotted from section lines	40.239796	-105.288582	0	0	Ground Water
80	<a href="https://dwr.state.co.us/Tools/Structures/0505607">https://dwr.state.co.us/Tools/Structures/0505607</a>	0505607	Well	Point of Diversion	LYONS PROPERTIES WELL 2	Active structure but diversion records are not maintained (U)	GROUNDWATER: SAINT VRAIN CREEK	0		0	0	0	0	0	3.0 N	70.0 W	18	Spotted from quarters	40.224977	-105.274849	0	0	Ground Water
Map ID	More Info	WDID	StructType	Feature Typ	Struct Name	Curr In Use	Water Source	Water Source mi	Assoc Case No.	DCRratAbs	DcrRatCond	DcrRatAPab	DcrRatAPco	DcrVolAPab	Township	Range	Section	Loc Accurac	LatDecDeg	LongDecDeg	Div Rec Start	Div Rec End	Struct Key
81	<a href="https://dwr.state.co.us/Tools/Structures/0505625">https://dwr.state.co.us/Tools/Structures/0505625</a>	0505625	Well	Point of Diversion	WILLIAMS WELL	Non-existent structure with no contemporary or historical record (N)	GROUNDWATER: SAINT VRAIN CREEK	0		0	0	0	0	0	3.0 N	70.0 W	18	Spotted from quarters	40.226708	-105.272451	0	0	Ground Water

Table 1.3: Permitted Shallow Wells: North St. Vrain Project Area (CO DWR Permit Info As Of 07/02/2025)

Map ID	More Info	Permit	WDID	Current Status	Case No	Div	WD	County	PM	Township	Range	Section	LocAccurac	LatDecDeg	LongDecDeg	Use1	Use2	Aquifer1	Annual Apprpr	Perm Issued	Perm Expire	Well Constr	First Benef	Pump Install	Well Plugged	Elev	Well Depth	Top PerfCas	Bot PerfCas	Yield	Static WL	Applicant Name		
1	https://dwr.state.co.us/Tools/WellPermits/0017139	17139-MH		Permit Expired		1	5	BOULDER	S	3 N	71 W	11	Spotted from quarters	40.239687	-105.312165	Monitoring/S		ALL UNNAMED AQUIFERS	0	1991-01-14						0	0	0	0	0	0	BURNS, PAT		
2	https://dwr.state.co.us/Tools/WellPermits/0024205A			Application Information Requested		1	5	BOULDER	S	3 N	71 W	13	Spotted from section lines	40.232507	-105.288727	Household use only		ALL UNNAMED AQUIFERS	0							0	0	0	0	0	0	BEST, EARL		
4	https://dwr.state.co.us/Tools/WellPermits/0043488	3853-AD		Application Denied		1	5	BOULDER	S	3 N	71 W	10	Spotted from quarters	40.236219	-105.321873	Municipal		ALL UNNAMED AQUIFERS	0							0	0	0	0	0	0	JOHN R ALLEN INC		
5	https://dwr.state.co.us/Tools/WellPermits/0047685	4247-AD		Application Denied		1	5	BOULDER	S	3 N	71 W	12	Spotted from quarters	40.236302	-105.288961	Irrigation		ALL UNNAMED AQUIFERS	0							0	0	0	0	0	0	OSTERBERG, WESLEY H		
6	https://dwr.state.co.us/Tools/WellPermits/0061640	321127-	0505511	Well Abandoned		1	5	BOULDER	S	3 N	71 W	11	User supplied	40.2422	-105.313375	Commercial		ALL UNNAMED AQUIFERS	1	2021-03-24			1950-06-01	1950-06-01		2014-12-31	0	75	0	0	0	0	ROCKMONT INVESTMENTS LLC (KOHLS, MICAH)	
7	https://dwr.state.co.us/Tools/WellPermits/0072874	85682--A		Well Constructed		1	5	BOULDER	S	3 N	71 W	12	Spotted from section lines	40.247232	-105.290894	Domestic		ALL UNNAMED AQUIFERS	0	1976-08-23			1977-02-28	1977-01-31			0	70	27	30	0	10	BIEL, ANDREW R	
8	https://dwr.state.co.us/Tools/WellPermits/0078041	88784-		Well Constructed		1	5	BOULDER	S	3 N	71 W	12	Spotted from quarters	40.236302	-105.288961	Domestic		ALL UNNAMED AQUIFERS	0	1977-03-11			1979-02-25		1981-03-28		0	100	36	100	15	30	TISCONE, D J	
9	https://dwr.state.co.us/Tools/WellPermits/0082455	91968-	0505562	Permit Expired		1	5	BOULDER	S	3 N	71 W	12	Spotted from section lines	40.23637	-105.289496	Household use only		ALL UNNAMED AQUIFERS	0	1977-07-26							0	0	0	0	0	0	SCHREDER, LAWRENCE S	
10	https://dwr.state.co.us/Tools/WellPermits/0089440	96983--A		Well Constructed		1	5	BOULDER	S	3 N	71 W	12	Spotted from section lines	40.237916	-105.290972	Household use only		ALL UNNAMED AQUIFERS	0	1978-03-17			1980-02-18		1980-02-09		0	55	15	55	15	5	ROONEY, MATT	
11	https://dwr.state.co.us/Tools/WellPermits/0091254	98561-		Permit Expired		1	5	BOULDER	S	3 N	71 W	10	Spotted from section lines	40.236488	-105.319932	Domestic		ALL UNNAMED AQUIFERS	0	1980-05-09							0	0	0	0	0	0	HARDEL	
12	https://dwr.state.co.us/Tools/WellPermits/0201698	113207-		Permit Issued		1	5	BOULDER	S	3 N	71 W	10	Spotted from quarters	40.236219	-105.321873	Household use only		ALL UNNAMED AQUIFERS	0	1980-03-12							0	0	0	0	0	0	HETHERINGTON, E	
13	https://dwr.state.co.us/Tools/WellPermits/0206935	116038-		Permit Issued		1	5	BOULDER	S	3 N	71 W	11	Spotted from section lines	40.242949	-105.312908	Household use only		ALL UNNAMED AQUIFERS	0	1980-09-04							0	0	0	0	0	0	FRANCIS, I L	
14	https://dwr.state.co.us/Tools/WellPermits/0214600	121555-		Permit Issued		1	5	BOULDER	S	3 N	71 W	12	Spotted from section lines	40.245135	-105.297046	Domestic		ALL UNNAMED AQUIFERS	0	1981-08-14							0	0	0	0	0	0	MORGAN, D A	
15	https://dwr.state.co.us/Tools/WellPermits/0220212	123402-		Permit Expired		1	5	BOULDER	S	3 N	71 W	15	Spotted from section lines	40.233883	-105.323858	Household use only		ALL UNNAMED AQUIFERS	0	1981-11-19							0	0	0	0	0	0	MILLER, GARY	
16	https://dwr.state.co.us/Tools/WellPermits/0222001	98803-		Permit Expired		1	5	BOULDER	S	3 N	71 W	15	Spotted from section lines	40.229943	-105.33731	Household use only		ALL UNNAMED AQUIFERS	0	1982-01-26							0	0	0	0	0	0	MC COOL GERALD A	
20	https://dwr.state.co.us/Tools/WellPermits/0233511	129973-		Well Constructed		1	5	BOULDER	S	3 N	71 W	12	User supplied	40.244354	-105.289024	Household use only		ALL UNNAMED AQUIFERS	0	1983-04-18			1984-01-03		2019-06-13		0	85	10	85	10	20	BARHITE, V C	
23	https://dwr.state.co.us/Tools/WellPermits/0251951	139266--A		Well Constructed		1	5	BOULDER	S	3 N	71 W	12	Spotted from section lines	40.241883	-105.289966	Domestic		ALL UNNAMED AQUIFERS	0	1985-04-19			1985-04-09	1985-04-09	1985-04-10		0	50	35	42	11	7	BEST, E L	
24	https://dwr.state.co.us/Tools/WellPermits/0254774A	139397-		Well Constructed		1	5	BOULDER	S	3 N	70 W	18	Spotted from section lines	40.226373	-105.273444	Commercial		ALL UNNAMED AQUIFERS	0	1985-05-02							0	38	0	0	0	0	5	MORRIS, A
25	https://dwr.state.co.us/Tools/WellPermits/0254774B	139397--A		Well Constructed		1	5	BOULDER	S	3 N	70 W	18	Spotted from section lines	40.226373	-105.273444	Commercial		ALL UNNAMED AQUIFERS	0	1985-05-02			1985-05-02	1985-05-15	1985-05-03		0	38	24	31	10		LYONS PROPERTIES LLC	
26	https://dwr.state.co.us/Tools/WellPermits/0255769	140556-	0505583	Well Constructed		1	5	BOULDER	S	3 N	71 W	13	Spotted from section lines	40.230023	-105.287717	Household use only		ALL UNNAMED AQUIFERS	0	1985-07-30			1985-08-12				0	80	20	60	0		6	FORSBERG, KENNETH E
27	https://dwr.state.co.us/Tools/WellPermits/0257583	141257-		Well Constructed		1	5	BOULDER	S	3 N	71 W	15	Spotted from section lines	40.233551	-105.323339	Household use only		ALL UNNAMED AQUIFERS	0	1985-09-12			1986-06-18		1986-06-20		0	170	110	170	1		1	WARNER FAMILY CABINS LLC
28	https://dwr.state.co.us/Tools/WellPermits/0261987	142825-		Permit Extended		1	5	BOULDER	S	3 N	71 W	11	Spotted from section lines	40.24008	-105.314459	Household use only		ALL UNNAMED AQUIFERS	0	1987-02-13	2014-10-14					0	0	0	0	0	0	0	UHR, JOHN C	
29	https://dwr.state.co.us/Tools/WellPermits/0264430A	144502-		Well Constructed		1	5	BOULDER	S	3 N	71 W	11	Spotted from section lines	40.246594	-105.30413	Domestic		ALL UNNAMED AQUIFERS	0	1986-07-07				1955-12-31			0	18	0	0	0	0	0	TOOLEY, JAMES H
31	https://dwr.state.co.us/Tools/WellPermits/0273856			Application Information Requested		1	5	BOULDER	S	3 N	71 W	11	Spotted from quarters	40.239687	-105.312165	Household use only		ALL UNNAMED AQUIFERS	0								0	0	0	0	0	0	0	UHR, JOHN C
33	https://dwr.state.co.us/Tools/WellPermits/0294174A	11755-AD		Application Denied		1	5	BOULDER	S	3 N	70 W	18	Spotted from section lines	40.225599	-105.2731	Domestic		ALL UNNAMED AQUIFERS	0								0	0	0	0	0	0	0	STARK, JOHN
34	https://dwr.state.co.us/Tools/WellPermits/0294174B	11756-AD		Application Denied		1	5	BOULDER	S	3 N	70 W	18	Spotted from section lines	40.225668	-105.274487	Household use only		ALL UNNAMED AQUIFERS	0								0	0	0	0	0	0	0	STARK, JOHN
35	https://dwr.state.co.us/Tools/WellPermits/0294493	153439--A		Well Abandoned		1	5	BOULDER	S	3 N	71 W	12	GPS	40.241157	-105.288552	Domestic		ALL UNNAMED AQUIFERS	0	1989-02-13			1989-03-10		1989-03-11	2013-09-11	0	45	34	40	14		9	BOLAND, GERALD
36	https://dwr.state.co.us/Tools/WellPermits/0294493A	153439-		Well Constructed		1	5	BOULDER	S	3 N	71 W	12	Spotted from section lines	40.241193	-105.288552	Domestic		ALL UNNAMED AQUIFERS	0	1989-02-13				1950-12-31	1989-06-06		0	14	0	0	0	0	0	BOLAND, GERALD
38	https://dwr.state.co.us/Tools/WellPermits/0297982	15771--A		Well Constructed		1	5	BOULDER	S	3 N	71 W	12	Spotted from section lines	40.242848	-105.289582	Domestic		ALL UNNAMED AQUIFERS	0	1989-03-21			1989-06-04	1989-06-06	1989-06-06		0	29	21	32	15	20	BEST, EARL	
Map ID	More Info	Permit	WDID	Current Status	Case No	Div	WD	County	PM	Township	Range	Section	LocAccurac	LatDecDeg	LongDecDeg	Use1	Use2	Aquifer1	Annual Apprpr	Perm Issued	Perm Expire	Well Constr	First Benef	Pump Install	Well Plugged	Elev	Well Depth	Top PerfCas	Bot PerfCas	Yield	Static WL	Applicant Name		
39	https://dwr.state.co.us/Tools/WellPermits/0308057			Application Information Requested		1	5	BOULDER	S	3 N	70 W	18	Spotted from section lines	40.230824	-105.273051	Household use only		ALL UNNAMED AQUIFERS	0								0	0	0	0	0	0	0	PEDERSON, PATRICIA L





107	https://dwr.state.co.us/Tools/WellPermits/3690625A	312861-		Constructed			1	5	BOULDER	S	3 N	71 W	11	User supplied	40.242706	-105.312813	Domestic			0	2019-03-27		31	31			0	0	0	0	0	0	PHILLIPS, IAN	
110	https://dwr.state.co.us/Tools/WellPermits/9008747	7626-		Well Abandoned			1	5	BOULDER	S	3 N	71 W	13	User supplied	40.231644	-105.287842	Domestic		ALL UNNAMED AQUIFERS	0	1960-12-20		1961-01-31		1961-01-31	2017-01-12	0	6	0	0	35	6	MAYES GARTON & TERESA S ANDERSON-SHELLY S COTTAGES LLC	
111	https://dwr.state.co.us/Tools/WellPermits/9009122	12076-F	0505511	Permit Canceled			1	5	BOULDER	S	3 N	71 W	11	Spotted from section lines	40.242272	-105.313622	Commercial		ALL UNNAMED AQUIFERS	0							0	0	0	0	0	0		
112	https://dwr.state.co.us/Tools/WellPermits/9009467	15771-		Well Constructed			1	5	BOULDER	S	3 N	71 W	12	Spotted from quarters	40.24355	-105.288767	Domestic		ALL UNNAMED AQUIFERS	0			1963-06-01	1963-06-01			0	25	0	0	0	9	WEAVER, FRANK D	
113	https://dwr.state.co.us/Tools/WellPermits/9010059	23929-					1	5	BOULDER	S	3 N	71 W	12	Spotted from quarters	40.236302	-105.288961	Domestic		ALL UNNAMED AQUIFERS	0							0	0	0	0	0	0	BURDICK, ALBERT	
114	https://dwr.state.co.us/Tools/WellPermits/9010061	23931-	0505557	Well Constructed			1	5	BOULDER	S	3 N	71 W	12	Spotted from section lines	40.23695	-105.288299	Domestic		ALL UNNAMED AQUIFERS	0	1965-05-20		1965-05-31				0	53	45	53	0	45	RIVER, MINISTRIES	
115	https://dwr.state.co.us/Tools/WellPermits/9010123	24825-	0505283	Well Abandoned	W-4106		1	5	BOULDER	S	3 N	71 W	12	GPS	40.243336	-105.289079	Domestic		ALL UNNAMED AQUIFERS	0	1965-07-28		1965-08-31	1965-07-30		2017-07-10	0	50	30	40	0	20	GIRL SCOUTS OF COLORADO	
116	https://dwr.state.co.us/Tools/WellPermits/9010124	24826-					1	5	BOULDER	S	3 N	71 W	13	Spotted from quarters	40.232598	-105.289022	Domestic		ALL UNNAMED AQUIFERS	0							0	0	0	0	0	0	0	BOONE, ROBERT
117	https://dwr.state.co.us/Tools/WellPermits/9010760	32857-		Well Abandoned			1	5	BOULDER	S	3 N	71 W	11	GPS	40.24039	-105.313249	Domestic		ALL UNNAMED AQUIFERS	0			1956-10-16	1956-10-16		2023-09-14	0	30	0	0	0	0	0	OLSON, THOMAS
118	https://dwr.state.co.us/Tools/WellPermits/9010760	32857-		Well Abandoned			1	5	BOULDER	S	3 N	71 W	11	GPS	40.24039	-105.313249	Domestic		ALL UNNAMED AQUIFERS	0			1956-10-16	1956-10-16		2023-09-14	0	30	0	0	0	0	0	VICTORA, FAYE
119	https://dwr.state.co.us/Tools/WellPermits/9010981	36572-		Well Constructed			1	5	BOULDER	S	3 N	71 W	11	Spotted from quarters	40.243333	-105.307443	Domestic		ALL UNNAMED AQUIFERS	0			1969-01-24	1969-01-24			0	125	0	0	0	25	CLARK, FRANK M	
120	https://dwr.state.co.us/Tools/WellPermits/9011105	38741-		Well Constructed			1	5	BOULDER	S	3 N	70 W	18	Spotted from quarters	40.224977	-105.274849	Domestic		ALL UNNAMED AQUIFERS	0			1969-07-21	1969-07-21			0	60	0	0	0	25	WILSON, WALTER W	
121	https://dwr.state.co.us/Tools/WellPermits/9011242	41052-					1	5	BOULDER	S	3 N	71 W	13	Spotted from quarters	40.228783	-105.284292	Domestic		ALL UNNAMED AQUIFERS	0							0	0	0	0	0	0	0	SWIMBURG, ROBERT
122	https://dwr.state.co.us/Tools/WellPermits/9011330	42401-		Well Constructed			1	5	BOULDER	S	3 N	71 W	11	Spotted from quarters	40.247022	-105.302722	Domestic		ALL UNNAMED AQUIFERS	0			1970-08-08	1970-08-08			0	80	0	0	0	40	MILLER, LOWELL	
123	https://dwr.state.co.us/Tools/WellPermits/9012107	57873-		Well Constructed			1	5	BOULDER	S	3 N	71 W	11	User supplied	40.240029	-105.313165	Domestic		ALL UNNAMED AQUIFERS	0	1972-04-19		1973-01-31	1973-10-12	2023-08-28	0	75	0	0	10	85	SNYDER, GEORGE A		
125	https://dwr.state.co.us/Tools/WellPermits/9013154	82091--A		Well Constructed			1	5	BOULDER	S	3 N	71 W	15	Spotted from section lines	40.233685	-105.323692	Domestic		ALL UNNAMED AQUIFERS	0	1975-12-24		1976-12-16	1976-12-06	1976-12-08	0	145	15	145	7	38	SMITH DARYL W & PATTY J PETRY		
126	https://dwr.state.co.us/Tools/WellPermits/9013154A	82091-		Well Replaced Abandonment Required			1	5	BOULDER	S	3 N	71 W	15	Spotted from section lines	40.233685	-105.323692	Domestic		ALL UNNAMED AQUIFERS	0	1975-12-24			1962-06-01			0	0	0	0	0	0	0	HANLEY, JAMES R
127	https://dwr.state.co.us/Tools/WellPermits/9013322	85682-		Well Replaced Abandonment Required			1	5	BOULDER	S	3 N	71 W	12	Spotted from section lines	40.247097	-105.290905	Domestic		ALL UNNAMED AQUIFERS	0	1976-08-23			1956-12-31			0	15	0	0	0	0	0	WILLIAMS, THOMAS
Map ID	More Info	Permit	WDID	Current Status	Case No	Div	WD	County	PM	Township	Range	Section	LocAccurac	LatDecDeg	LongDecDeg	Use1	Use2	Aquifer1	Annual Appropr	Perm Issued	Perm Expire	Well Constr	First Benef	Pump Install	Well Plugged	Elev	Well Depth	Top PerfCas	Bot PerfCas	Yield	Static WL	Applicant Name		
128	https://dwr.state.co.us/Tools/WellPermits/9013767	96983-		Well Replaced Abandonment Required			1	5	BOULDER	S	3 N	71 W	12	Spotted from section lines	40.237916	-105.290972	Domestic		ALL UNNAMED AQUIFERS	0			1956-04-30	1956-04-30			0	55	0	0	0		5	MULVANEY, CHARLES R
129	https://dwr.state.co.us/Tools/WellPermits/9013949	106558-		Well Constructed			1	5	BOULDER	S	3 N	71 W	11	Spotted from section lines	40.240914	-105.312476	Household use only		ALL UNNAMED AQUIFERS	0	1979-05-17		1980-06-15	1980-07-26	1980-07-10		0	50	20	24	5		4	ROCKMONT INVESTMENTS LLC (KOHLS, MICAH)
130	https://dwr.state.co.us/Tools/WellPermits/9014026	119148-	0505582	Well Constructed			1	5	BOULDER	S	3 N	71 W	13	Spotted from section lines	40.23266	-105.28901	Domestic		ALL UNNAMED AQUIFERS	0			1960-09-16	1960-09-16			0	9	0	0	0	0	0	GATES, HARVEY M
132	https://dwr.state.co.us/Tools/WellPermits/9014148	139266-		Well Constructed			1	5	BOULDER	S	3 N	71 W	12	Spotted from section lines	40.241883	-105.289966	Household use only		ALL UNNAMED AQUIFERS	0			1942-12-31	1942-12-31			0	50	0	0	0	7	BEST, EARL L	
133	https://dwr.state.co.us/Tools/WellPermits/C070175	175-WCB		Well Constructed			1	5	BOULDER	S	3 N	70 W	18	Spotted from quarters	40.226708	-105.272451			ALL UNNAMED AQUIFERS	0	1953-09-02						0	20	0	0	0	0	0	GRASKE, J

## **APPENDIX C – PHOTO LOG**



## PHOTOGRAPH LOG



Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 1**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

Dam Outlet - Flow Control



**Photograph: 2**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

Dam Outlet - Flow Control

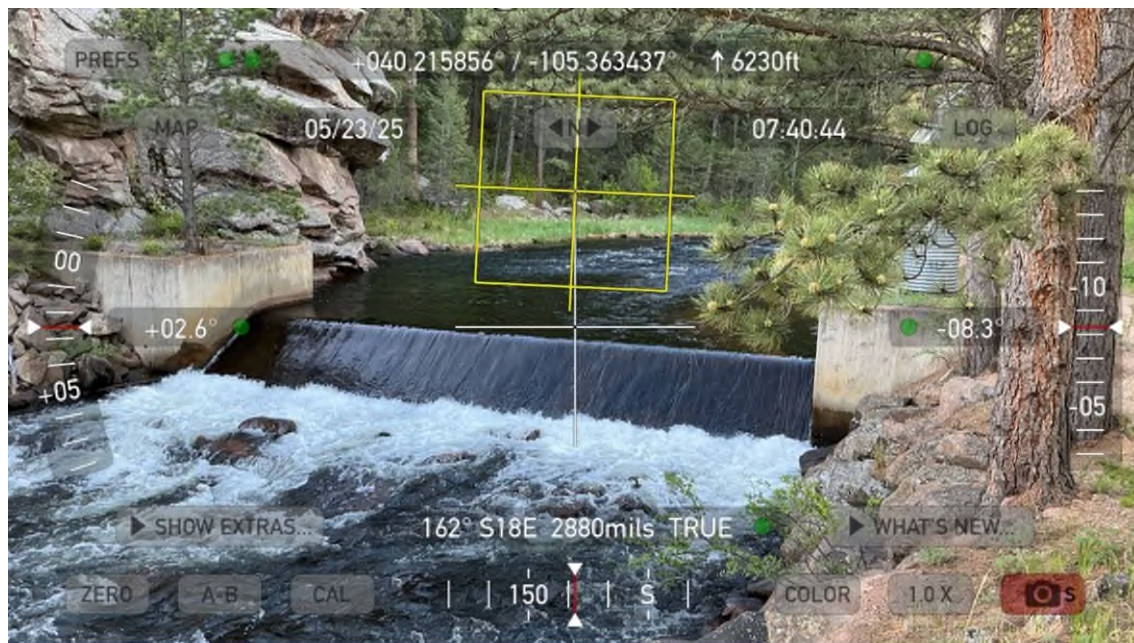


## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 3**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

Flow Control



**Photograph: 4**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

Flow Control



## PHOTOGRAPH LOG



Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



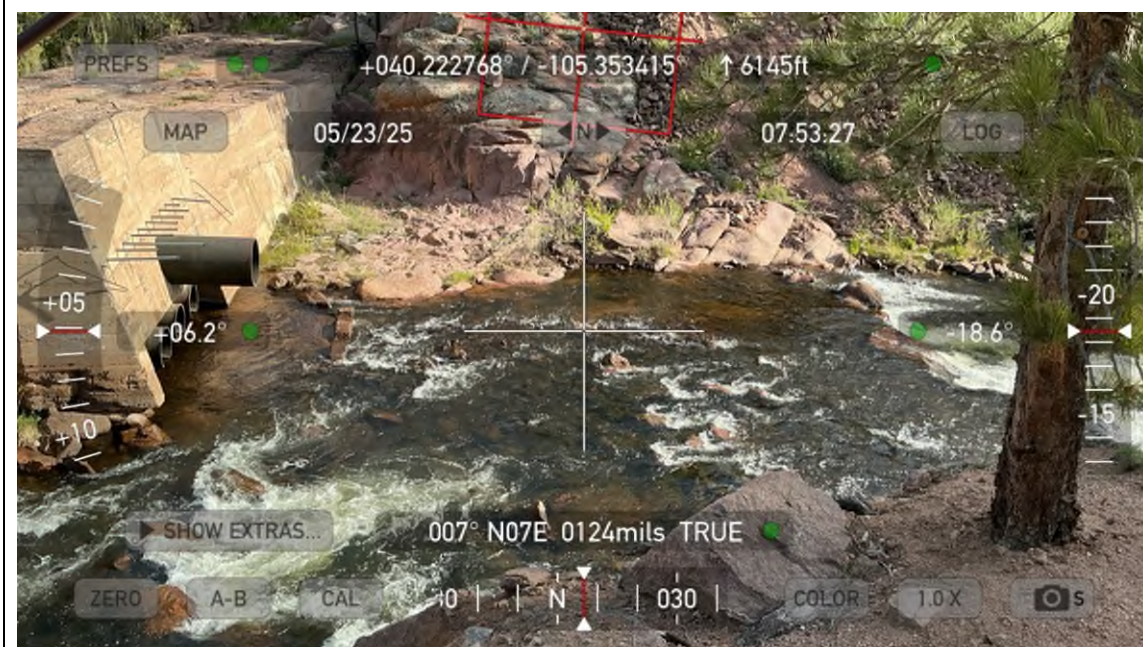
**Photograph: 5**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

Old Flow Control



**Photograph: 6**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

Old Flow Control



# PHOTOGRAPH LOG



Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 7**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**  
Small Pool- Possible  
Pumping – **No  
Permitted Observed.**  
**Property of James  
Gilbert.**



**Photograph: 8**

**Date** 5/23/2025

**Location:** Lyons, CO

**Description:**  
Natural - No Concerns



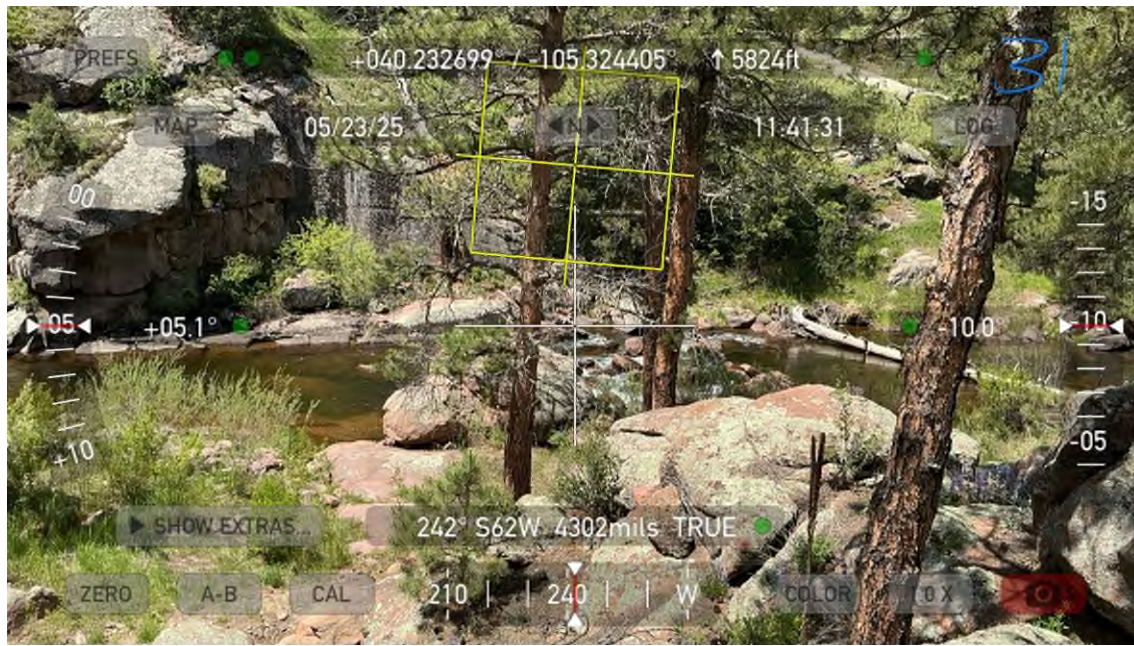
# PHOTOGRAPH LOG



Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 9**

**Date** 5/23/2025

**Location:** Lyons, CO

**Description:**  
Natural - No Concerns



**Photograph: 10**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**  
*Shallow Well - This is likely the abandoned one and there is supposed to be a new one that is 700 ft deep. Overall concerns for shallow wells. Property of Robert & Bernadette Jeffery- kindly allowed access. Possibly expired in 2022.*

<https://dwr.state.co.us/Tols/Structures/0501055>



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference

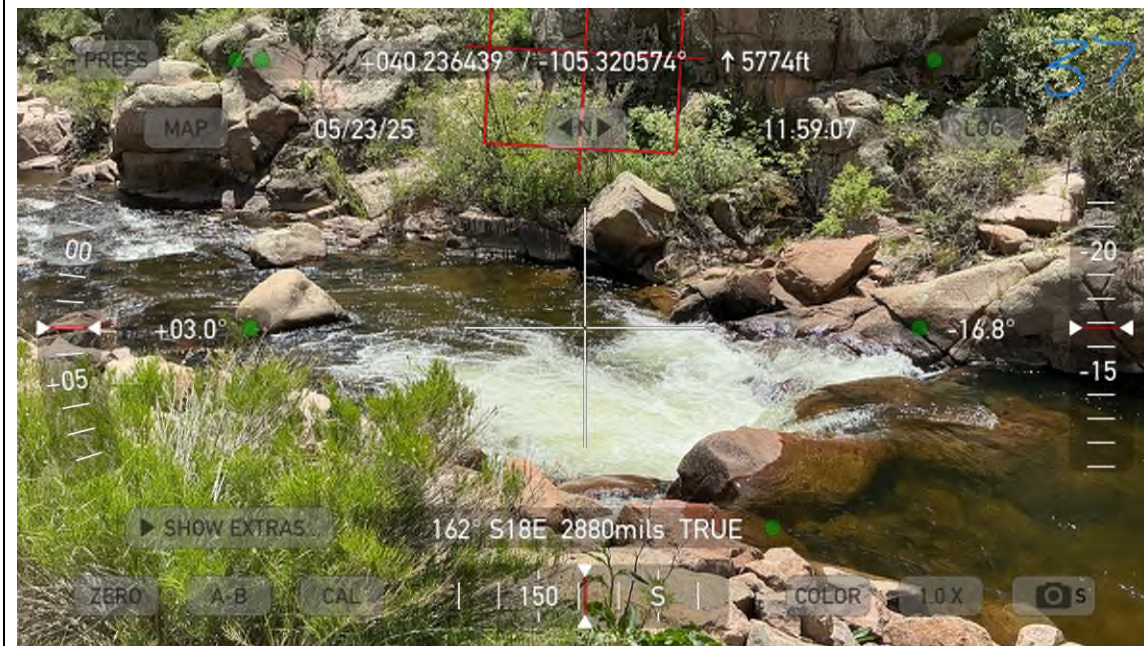
### Photograph: 11

Date: 5/23/2025

Location: Lyons, CO

### Description:

Natural - No Concerns



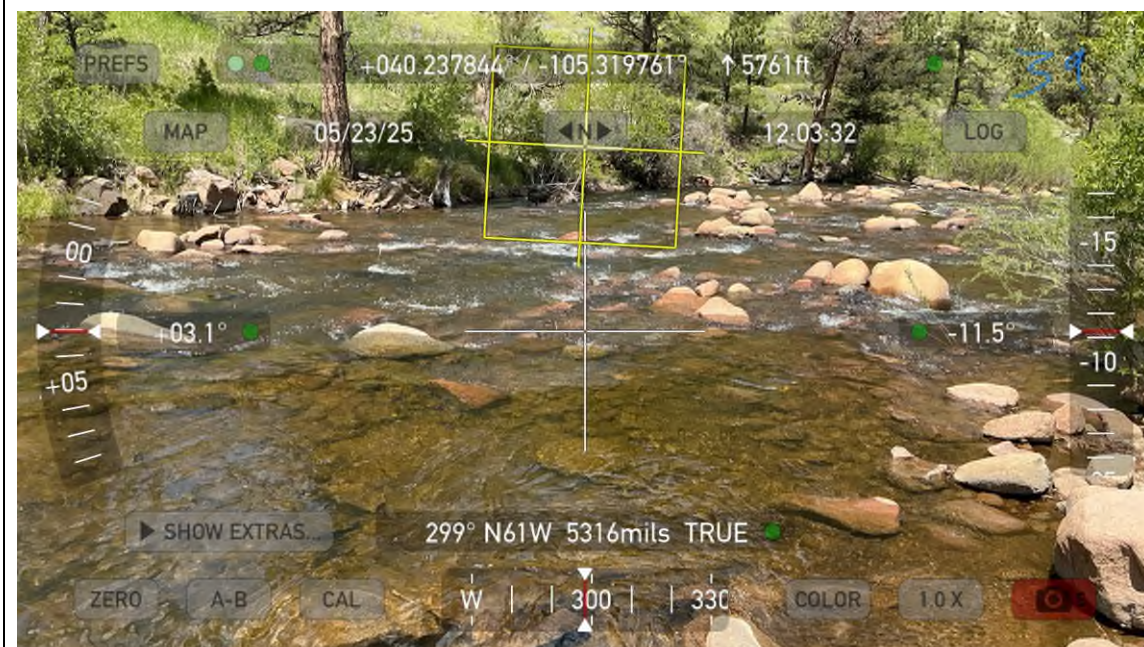
### Photograph: 12

Date 5/23/2025

Location: Lyons, CO

### Description:

Natural - No Concerns





# PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference

## Photograph: 13

Date: 5/23/2025

Location: Lyons, CO

### Description:

**Black & Green pump in the water. No meters observed. Have a constructed well that is 260 ft. deep and another abandoned well.**



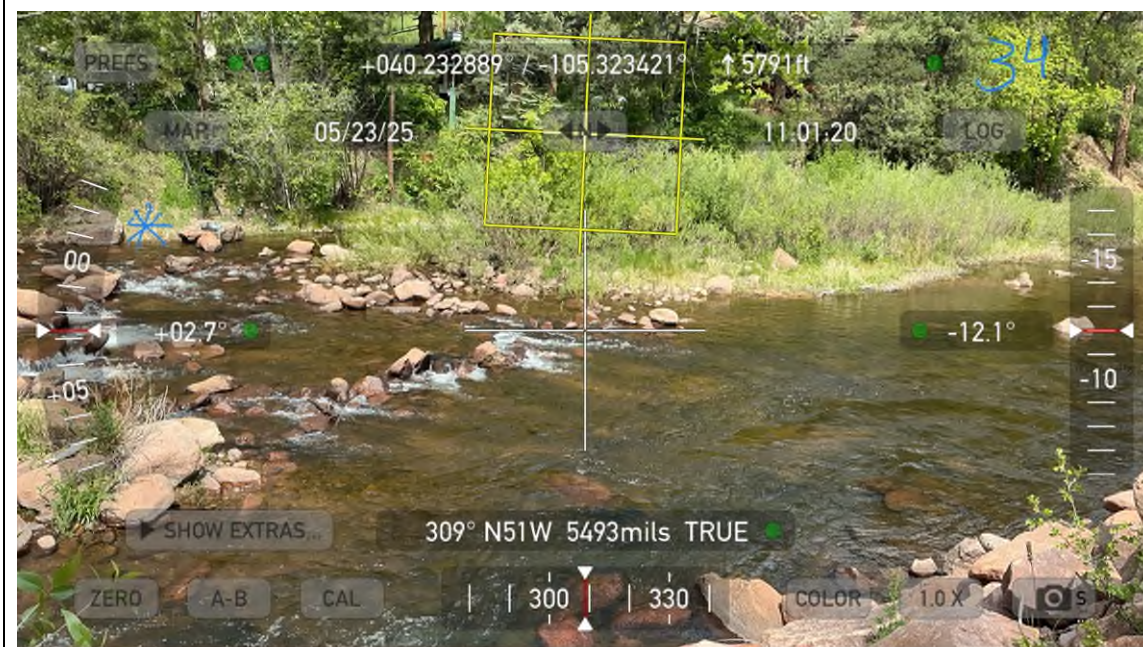
## Photograph: 14

Date: 5/23/2025

Location: Lyons, CO

### Description:

Black & Green pump in the water view 2.





# PHOTOGRAPH LOG



Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 15**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

**Water diversion for black and green pumps. Parcel owner is technically Linda K & John K Whiteman Reinhardt. The pump goes up to Kent Schulte property. He has a permitted green pump- possibly expired use 2017**

<https://dwr.state.co.us/Tools/Structures/0501225>

<https://dwr.state.co.us/Tools/Structures/0501225>



**Photograph: 16**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

**Location 225. Shallow Well. Parcel owner is technically Linda K & John K Whiteman Reinhardt. Kent Schulte property has a house in view.**

<https://dwr.state.co.us/Tools/WellPermits/0346566B>



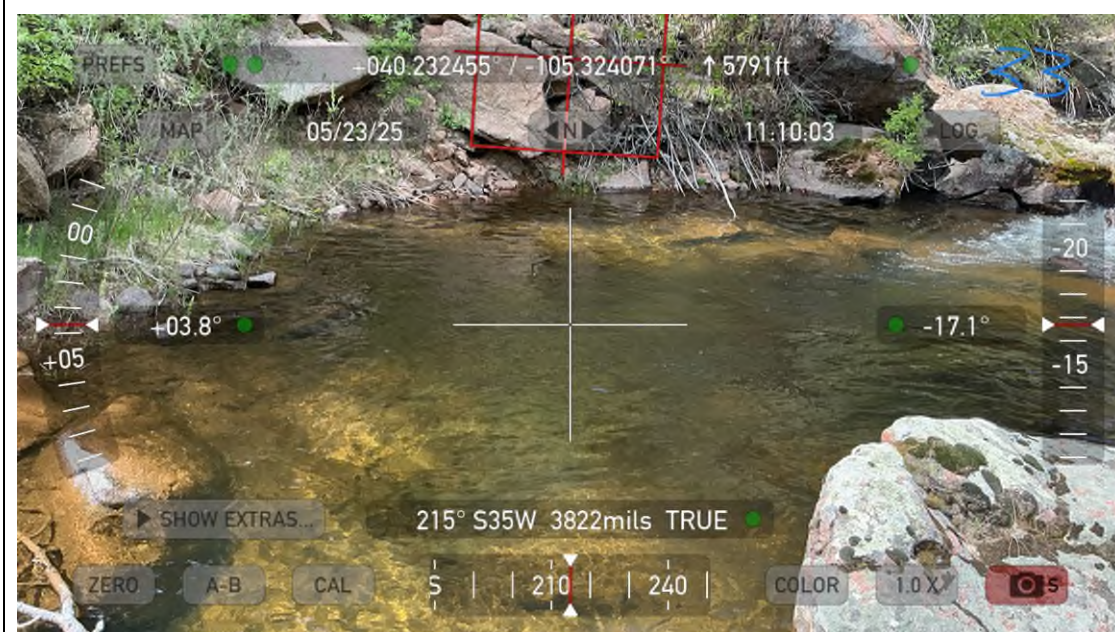
# PHOTOGRAPH LOG



Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 17**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

Natural - No Concerns



**Photograph: 18**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

*Back view - Possible shallow well of 145 ft. It could be a diversion. Parcel owner is technically Linda K & John K Whiteman Reinhardt. Daryl Smith & Patty Petry has the house above & well permit. Records indicate a Ross Pump- no meter. Possibly expired in 2013.*

<https://dwr.state.co.us/Tools/Structures/050122>

[6](#)



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 19**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**  
Natural - No Concerns



**Photograph: 20**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**  
*Possible shallow well of 170 ft.*  
*Parcel owner is technically Linda K & John K Whiteman Reinhardt. Warner Family Cabins holds the well permit.*  
<https://dwr.state.co.us/Tols/WellPermits/0257583>



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference

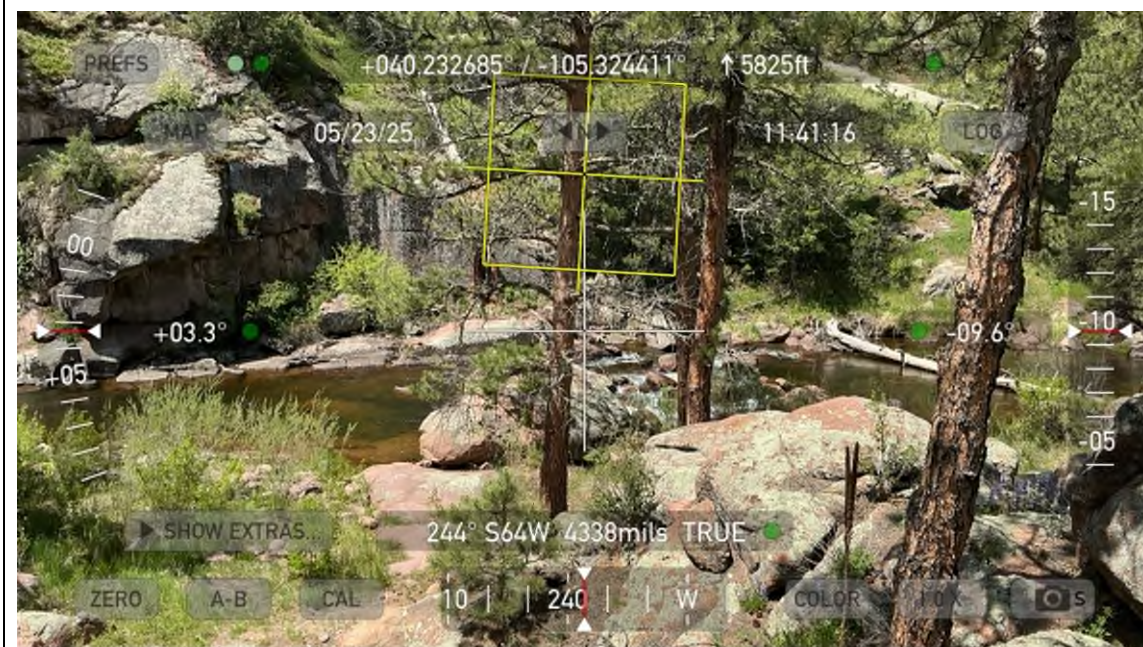


**Photograph: 21**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**  
Natural - No Concerns



**Photograph: 22**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**  
Natural - No Concerns



# PHOTOGRAPH LOG



Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference

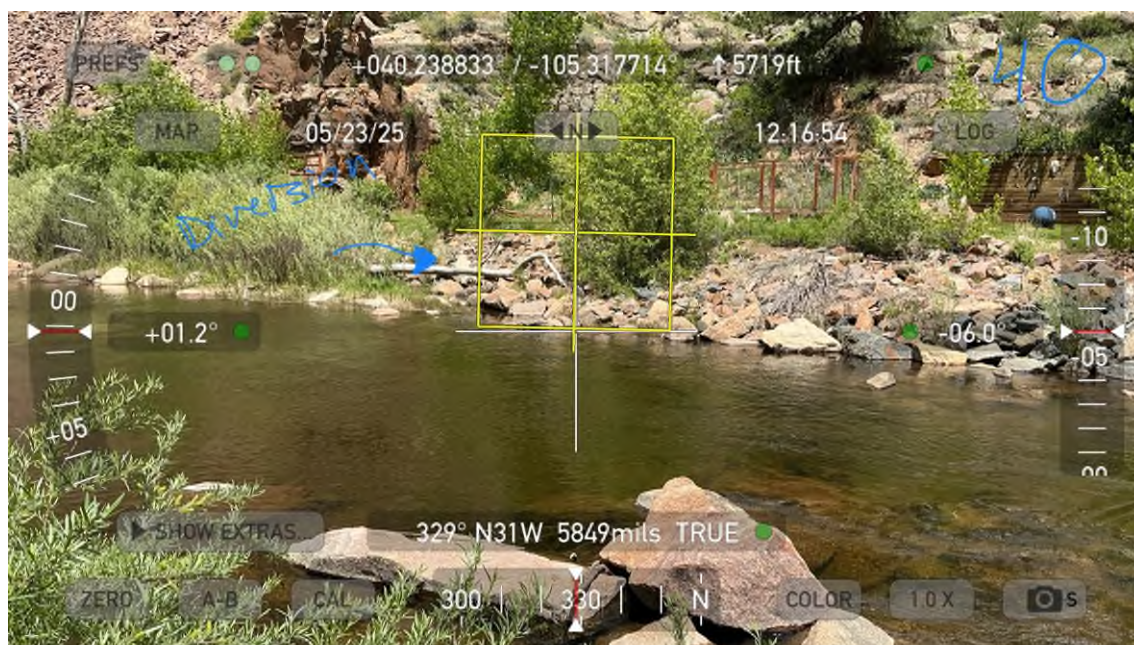


**Photograph: 23**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:** Location 41 is a skate ramp - no diversion.



**Photograph: 24**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:** *Small Diversion to garden, Aaron Lawson was very nice and happy to answer more questions: 720-938-4854. This section does appear to be part of the City of Boulder property; his property is adjacent. Water rights belong to DeBoom Surface Diversion, King Surface Diversion, and Lyons Properties, LLC.*

<https://dwr.state.co.us/Tols/Structures/0501215>



## PHOTOGRAPH LOG



Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 25**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**  
Aaron Lawson - pump  
in river records indicate  
Lawson Pump  
<https://dwr.state.co.us/Tols/Structures/0501046>



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 26**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

*This appears to be the County of Boulder property could be a shallow well. It is a permitted point of diversion/Kendall Pump- the water might not be utilized here.*

<https://dwr.state.co.us/Tools/Structures/0501214>



**Photograph: 27**

**Date** 5/23/2025

**Location:** Lyons, CO

**Description:**

Natural - No Concern



## PHOTOGRAPH LOG



Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference

Date & Time: Fri, May 23, 2025 at 12:52:19 MDT  
Position: +040.245742° / -105.309906° (±31.1ft)  
Altitude: 5658ft (±34.8ft)  
Datum: WGS-84  
Azimuth/Bearing: 196° S16W 3484mils True (±12°)  
Elevation Angle: -10.2°  
Horizon Angle: +05.2°  
Zoom: 1.0X  
232



**Photograph: 28**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

Pump in water - Sim  
Pump 3.

<https://dwr.state.co.us/Tools/Structures/0501289>

Date & Time: Fri, May 23, 2025 at 13:00:29 MDT  
Position: +040.248398° / -105.307416° (±26.5ft)  
Altitude: 5646ft (±30.5ft)  
Datum: WGS-84  
Azimuth/Bearing: 213° S33W 3787mils True (±12°)  
Elevation Angle: -05.9°  
Horizon Angle: +06.0°  
Zoom: 1.0X  
48



**Photograph: 29**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:** Diversion  
across the County of  
Boulder.

<https://dwr.state.co.us/Tools/Structures/0505513>



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 30**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

Natural - No Concerns



**Photograph: 31**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

Natural - No Concerns.  
**However, there is a shallow well here of 18 ft. and a small winery business- Rusty Vines Vineyard. Heather & Rex Heiby.**

<https://dwr.state.co.us/Tools/WellPermits/0264430A>

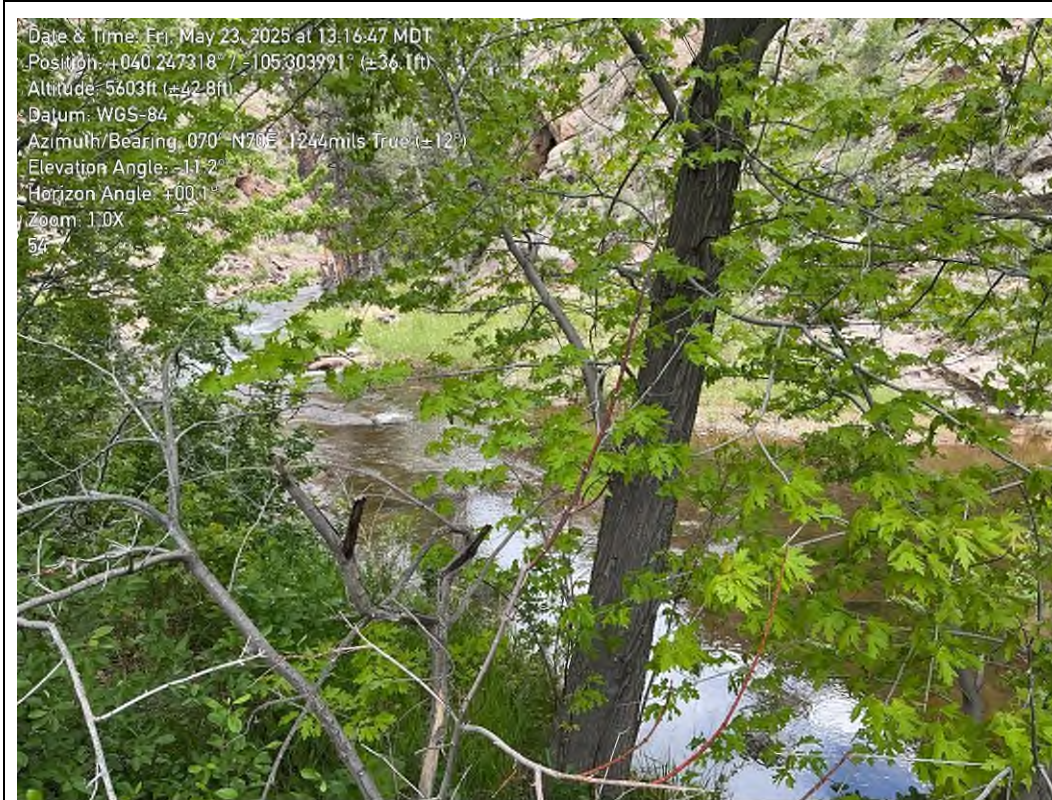


## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 32**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

Natural - No Concerns



**Photograph: 33**

**Date** 5/23/2025

**Location:** Lyons, CO

**Description:**

Water through grates of approximately 1" bars.



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 34**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

Older pipe - possibly part of above diversion.



**Photograph: 35**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

Water underpass - not correlating to water rights data.  
Approximately 5 ft.



## PHOTOGRAPH LOG



Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 36**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

St. Vrain & Left-hand water conservancy ditch.



**Photograph: 37**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

*Ditch that is approximately 12" wide where it narrows on shore and approximately 20' long diversion in stream. There is possible association this water right: Appears expired.*

<https://dwr.state.co.us/Tools/Structures/0505283>

or

<https://dwr.state.co.us/Tools/Structures/0505276>




## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference

<p>Date &amp; Time: Fri, May 23, 2025 at 15:31:24 MDT Position: +040.246647° / -105.286774° (±23.7ft) Altitude: 5533ft (±23.8ft) Datum: WGS-84 Azimuth/Bearing: 280° N80W 4978mils True (±12°) Elevation Angle: -27.5° Horizon Angle: +10.4° Zoom: 1.0X - 62</p> 	<p><b>Photograph: 38</b></p> <p><b>Date: 5/23/2025</b></p> <p><b>Location: Lyons, CO</b></p> <p><b>Description:</b> <i>Black pipe running back from pump on next picture. Undetermined end point/alignment, possibly under road.</i></p>



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



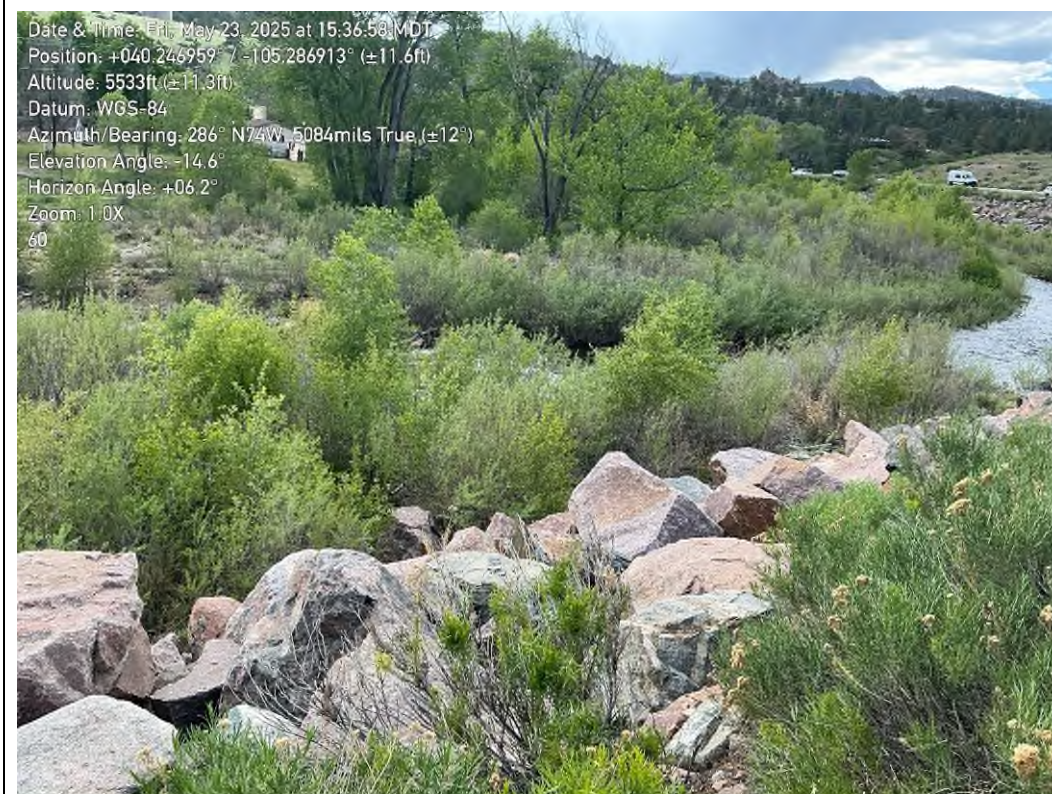
**Photograph: 39**

**Date** 5/23/2025

**Location:** Lyons, CO

**Description:**

*Pump in water not associated with any water right. Goes back upstream and possibly under road.*



**Photograph: 40**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

Natural - No Concern.



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



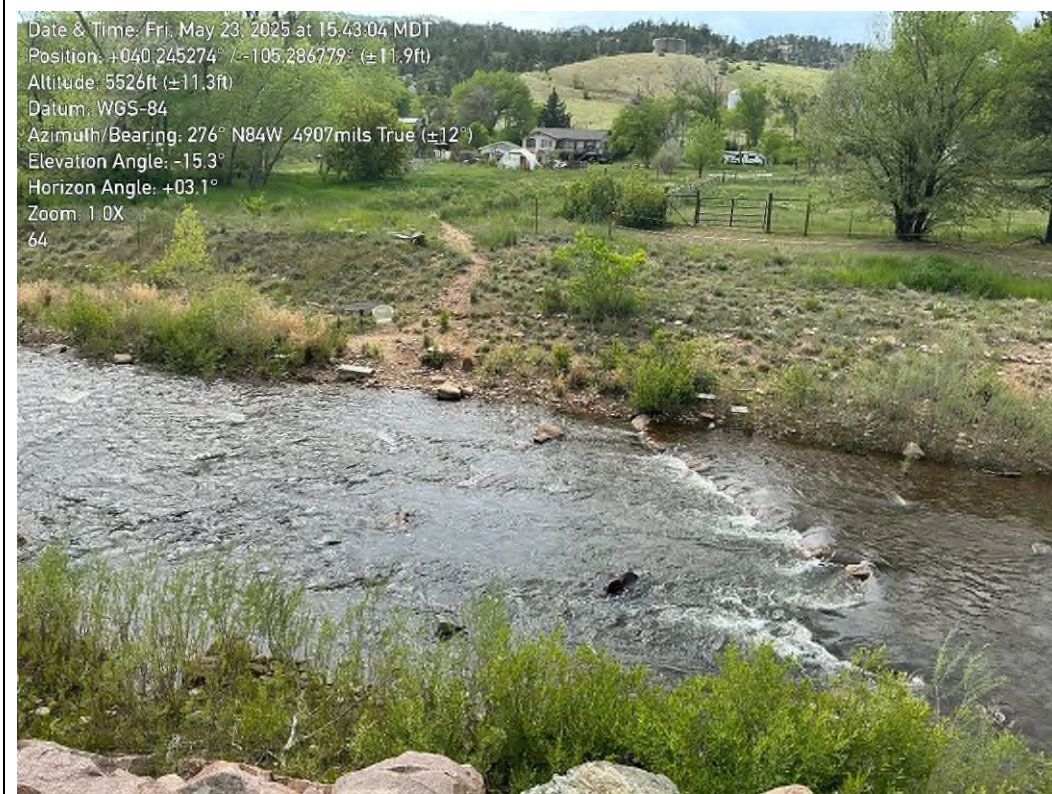
**Photograph: 41**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

Natural - Beach area does exist where pumping could occur.



**Photograph: 42**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

**Black pipe present-roughly 1". Possible water right connection.**

<https://dwr.state.co.us/Tools/Structures/0505582>



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 43**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

Diversion County of Boulder property - Looks approximately 30' wide with higher flows.



**Photograph: 44**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

Natural - No Concerns





## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference

<p>           Date &amp; Time: Fri, May 23, 2025 at 15:57:33 MDT            Position: +040.242091° / -105.288682° (±11.8ft)            Altitude: 5502ft (±15.7ft)            Datum: WGS-84            Azimuth/Bearing: 241° S61W 4284mils True (±12°)            Elevation Angle: -11.6°            Horizon Angle: +00.2°            Zoom: 1.0X            172         </p> 	<p><b>Photograph: 45</b></p> <p><b>Date</b> 5/23/2025</p> <p><b>Location:</b> Lyons, CO</p> <p><b>Description:</b> Natural - No Concerns</p>
<p>           Date &amp; Time: Fri, May 23, 2025 at 16:08:46 MDT            Position: +040.237815° / -105.289101° (± 3.9ft)            Altitude: 5484ft (±14.3ft)            Datum: WGS-84            Azimuth/Bearing: 298° N62W 5298mils True (±12°)            Elevation Angle: -10.5°            Horizon Angle: +05.3°            Zoom: 1.0X            176         </p> 	<p><b>Photograph: 46</b></p> <p><b>Date:</b> 5/23/2025</p> <p><b>Location:</b> Lyons, CO</p> <p><b>Description:</b> Natural - No Concerns</p>

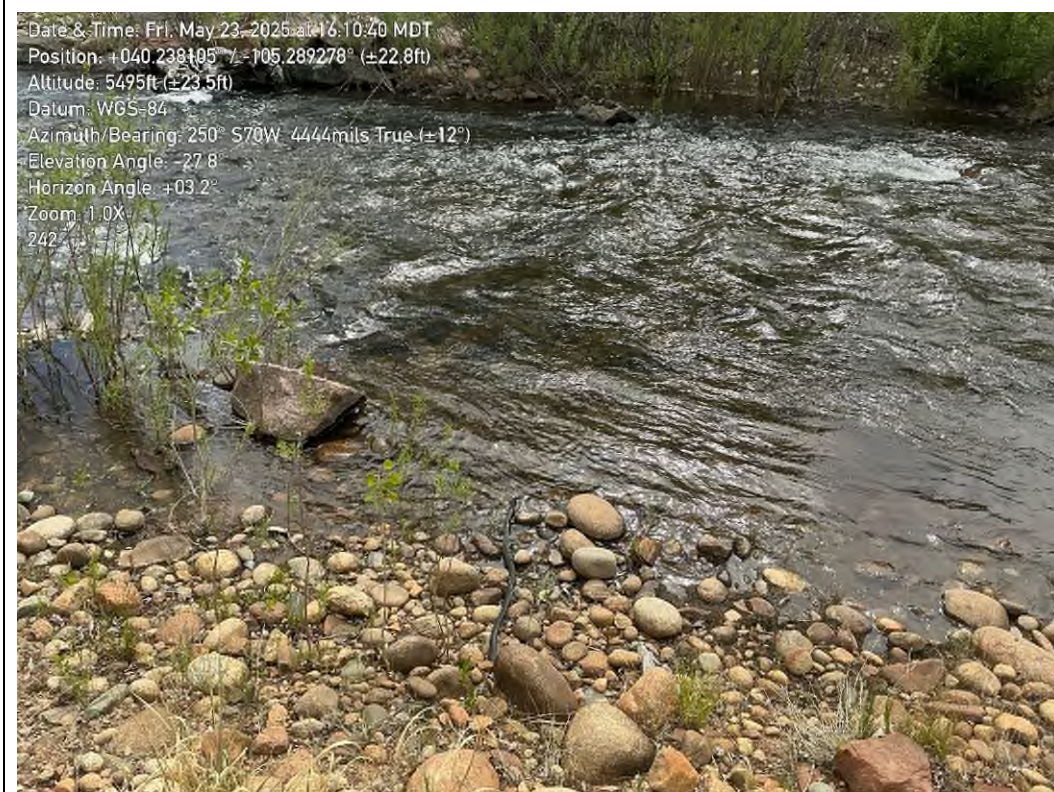


## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



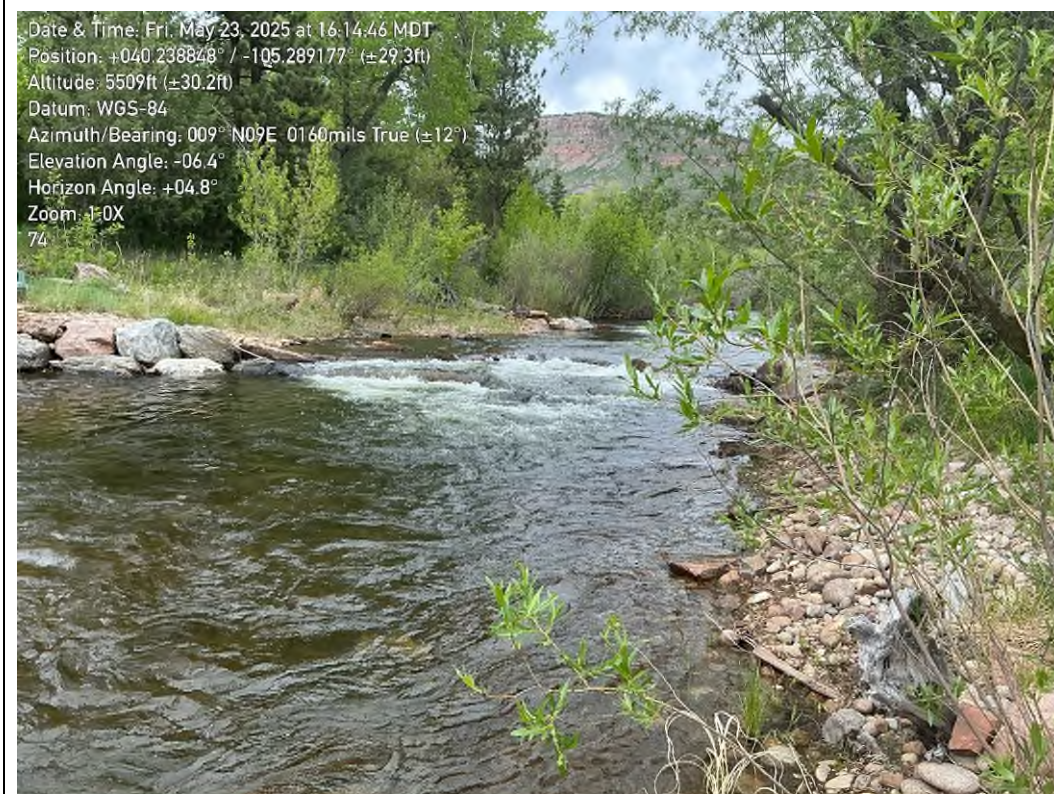
**Photograph: 47**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

***Black 1" tube in river that goes to Donald & Dawn Elsberry - no associated water right observed.***



**Photograph: 48**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

No pipe observed in water, beach space where pumping could occur.



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 49**

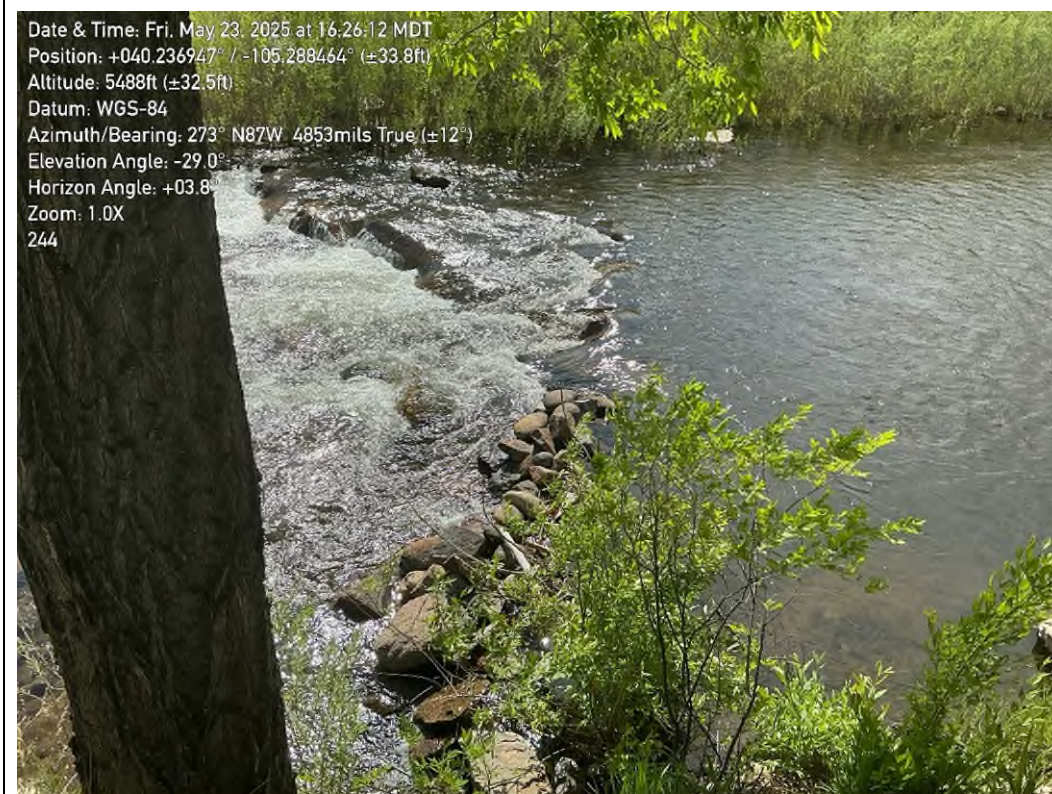
**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

***Black and white pipe for pumping in background. Belongs to Burdock Hollow LLC – no meters observed.***

<https://dwr.state.co.us/Tools/Structures/0501273>



**Photograph: 50**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

***Man made weir by River Ministries - Gladly granted access to river. There is also a shallow well, 53 ft. in depth in the parking lot.***



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference

<https://dwr.state.co.us/Tools/Structures/0504099><https://dwr.state.co.us/Tools/Structures/0504099>

Date & Time: Fri, May 23, 2025 at 16:32:21 MDT  
Position: +040.236282° / -105.288332° (±13.4ft)  
Altitude: 5486ft (±13.8ft)  
Datum: WGS-84  
Azimuth/Bearing: 277° N83W 4924mils True (±12°)  
Elevation Angle: -11.5°  
Horizon Angle: +04.1°  
Zoom: 1.0X  
177



**Photograph: 51**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

*Diversion to Apple Valley Pond - Left Hand has opposed this before and the pond was limited to 50-acre ft per year - no meter was observed. Owner is M+JB Holdings LLC*

<https://dwr.state.co.us/Tools/Structures/0504099/0504099>

Date & Time: Fri, May 23, 2025 at 16:41:21 MDT  
Position: +040.233490° / -105.287449° (±21.9ft)  
Altitude: 5500ft (±23.9ft)  
Datum: WGS-84  
Azimuth/Bearing: 241° S61W 4284mils True (±12°)  
Elevation Angle: -14.6°  
Horizon Angle: +05.8°  
Zoom: 1.0X  
82



**Photograph: 52**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

Natural - No Concerns



## PHOTOGRAPH LOG



Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 53**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

Natural - No Concerns



**Photograph: 54**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

Natural - No Concerns





## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference

<p>Date &amp; Time: Fri, May 23, 2025 at 16:57:03 MDT Position: +040.234843° / -105.287783° (±22.2ft) Altitude: 5493ft (±26.2ft) Datum: WGS-84 Azimuth/Bearing: 289° N71W 5138mils True (±12°) Elevation Angle: -26.1° Horizon Angle: +06.2° Zoom: 1.0X 75</p> 	<p><b>Photograph: 55</b></p> <p><b>Date:</b> 5/23/2025</p> <p><b>Location:</b> Lyons, CO</p> <p><b>Description:</b> Natural - No Concerns</p>
<p>Date &amp; Time: Fri, May 23, 2025 at 16:58:49 MDT Position: +040.235253° / -105.287857° (±22.1ft) Altitude: 5493ft (±22.9ft) Datum: WGS-84 Azimuth/Bearing: 254° S74W 4516mils True (±12°) Elevation Angle: -20.0° Horizon Angle: +01.4° Zoom: 1.0X 76</p> 	<p><b>Photograph: 56</b></p> <p><b>Date:</b> 5/23/2025</p> <p><b>Location:</b> Lyons, CO</p> <p><b>Description:</b> Natural - No Concerns</p>



## PHOTOGRAPH LOG



Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



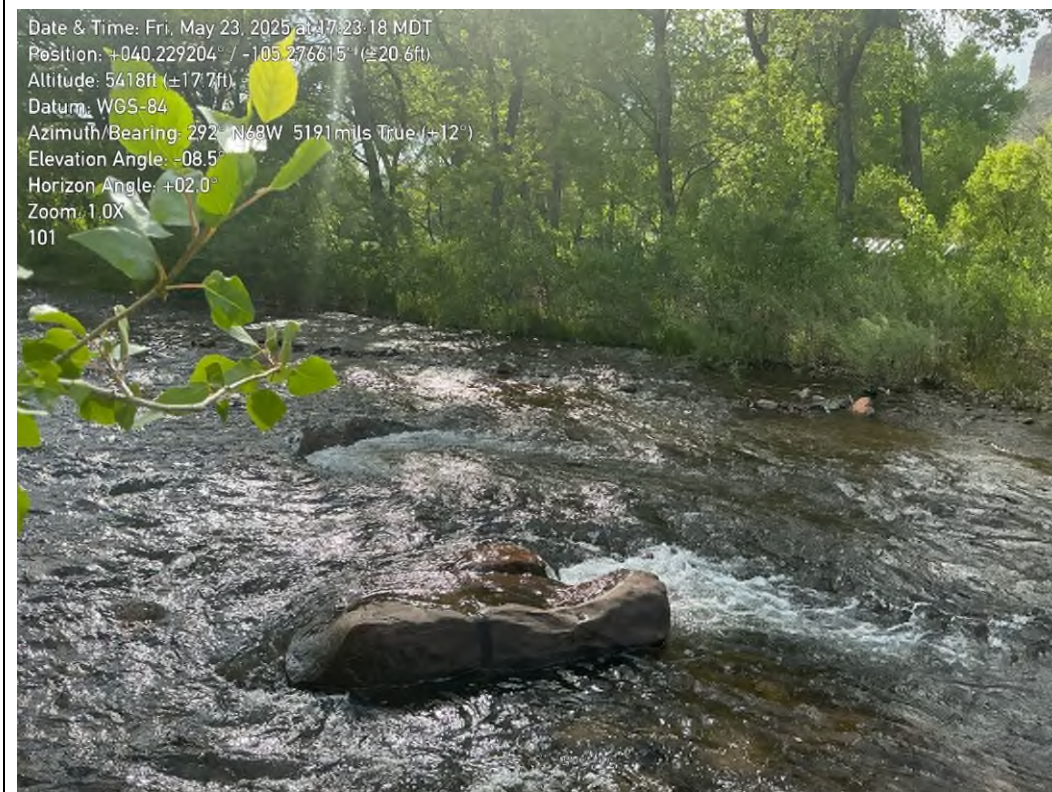
**Photograph: 57**

**Date** 5/23/2025

**Location:** Lyons, CO

**Description:**

North Saint Vrain Creek  
– Evans Ditch.



**Photograph: 58**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

*Wier built in water.  
Irrigation pulls  
upstream from Planet  
Bluegrass Farm LLC.  
Extensive irrigation  
occurring. No water  
rights found.*



## PHOTOGRAPH LOG

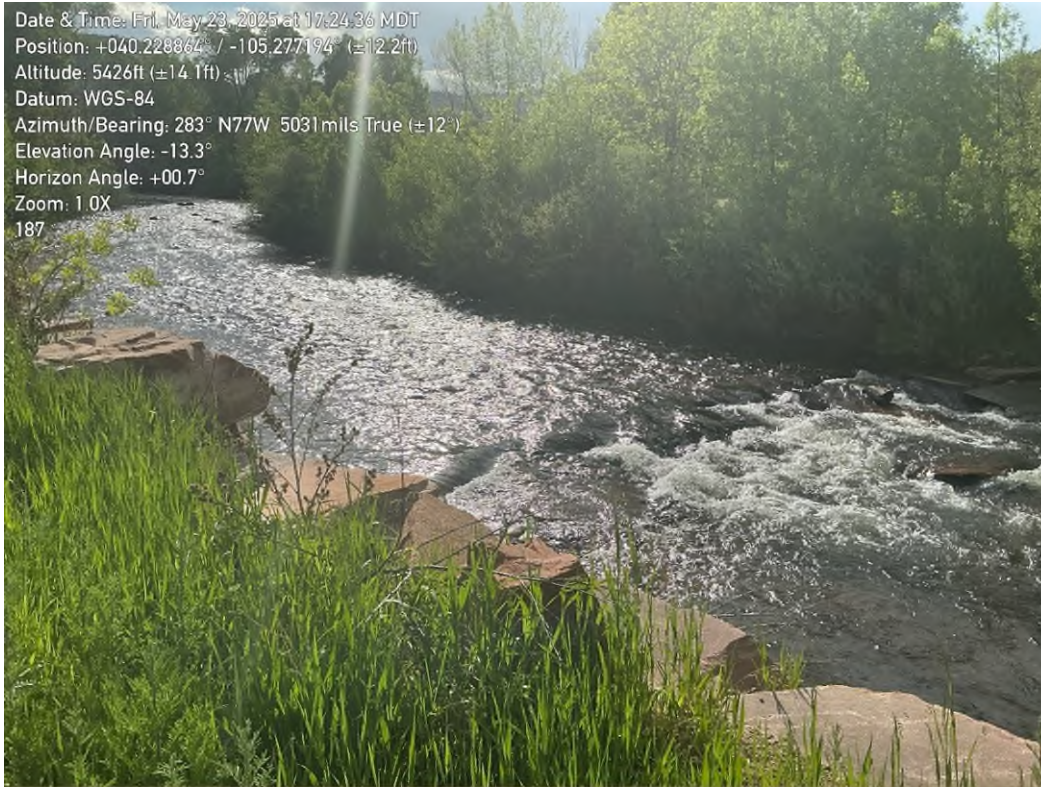


Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference

Date & Time: Fri, May 23, 2025 at 17:24:36 MDT  
Position: +040.228862° / -105.277194° (±12.2ft)  
Altitude: 5426ft (±14.1ft)  
Datum: WGS-84  
Azimuth/Bearing: 283° N77W 5031mils True (±12°)  
Elevation Angle: -13.3°  
Horizon Angle: +00.7°  
Zoom: 1.0X  
187



**Photograph: 59**

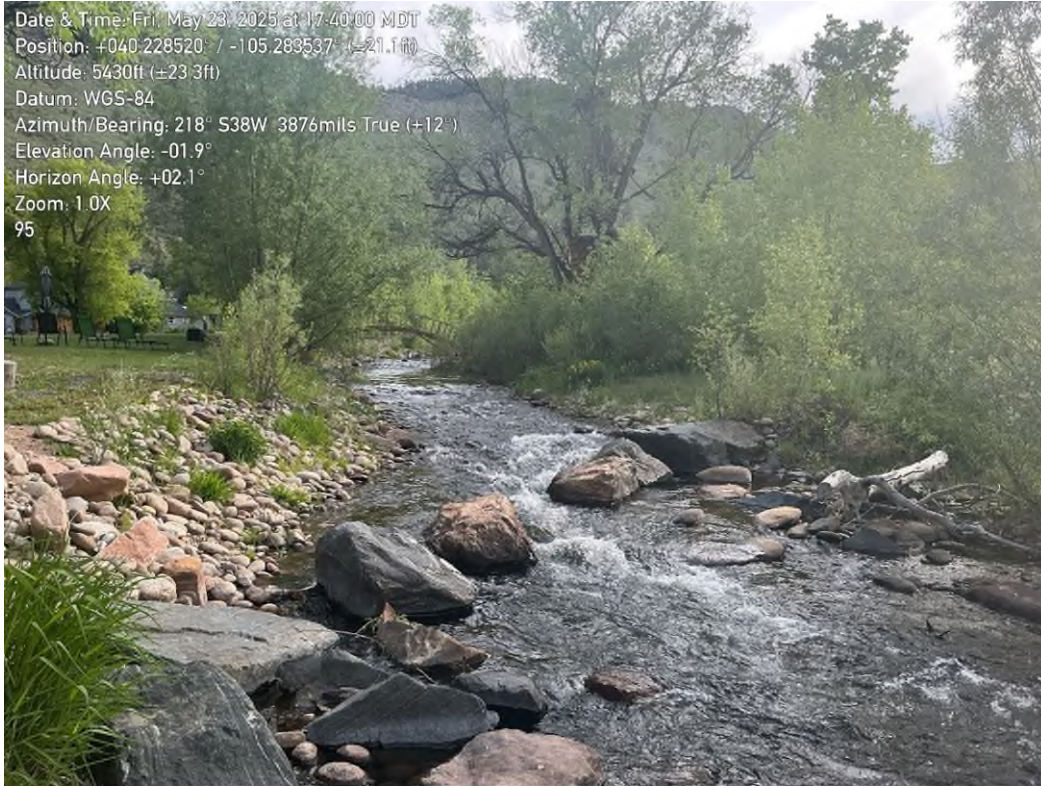
**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

Natural - No Concern

Date & Time: Fri, May 23, 2025 at 17:40:00 MDT  
Position: +040.228520° / -105.283537° (±21.1ft)  
Altitude: 5430ft (±23.3ft)  
Datum: WGS-84  
Azimuth/Bearing: 218° S38W 3876mils True (±12°)  
Elevation Angle: -01.9°  
Horizon Angle: +02.1°  
Zoom: 1.0X  
95



**Photograph: 60**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

Possibly man-made. No water pulls observed.



## PHOTOGRAPH LOG



Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference

Date & Time: Fri, May 23, 2025 at 17:40:08 MDT  
Position: +040.226520° / -105.263524° (±21.4ft)  
Altitude: 5432ft (±24.0ft)  
Datum: WGS-84  
Azimuth/Bearing: 270° N90W 4800mils True (±12°)  
Elevation Angle: -03.2°  
Horizon Angle: +01.0°  
Zoom: 1.0X  
95 other split view



**Photograph: 61**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

Natural - No Concern

Date & Time: Fri, May 23, 2025 at 17:49:45 MDT  
Position: +040.227702° / -105.264394° (±12.6ft)  
Altitude: 5446ft (±13.1ft)  
Datum: WGS-84  
Azimuth/Bearing: 289° N71W 5138mils True (±12°)  
Elevation Angle: -16.9°  
Horizon Angle: +02.5°  
Zoom: 1.0X  
92



**Photograph: 62**

**Date** 5/23/2025

**Location:** Lyons, CO

**Description:**

**Natural - Shallow well nearby - Dean Richard Revocable Trust - Kindly let us on property and say his water is not metered but he believes he uses close to what he is permitted for. Pump 1 & 2**

<https://dwr.state.co.us/Tols/Structures/0501295>

&

<https://dwr.state.co.us/Tols/Structures/0501218>



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference

 <p>Date &amp; Time: Fri, May 23, 2025 at 17:58:38 MDT Position: +040.227959°N, -105.285256°W (±11.1ft) Altitude: 5449ft (±12.4ft) Datum: WGS-84 Azimuth/Bearing: 302° N58W 5369mils True (±12°) Elevation Angle: -34.8° Horizon Angle: +01.5° Zoom: 1.0X</p>	<p><b>Photograph: 63</b></p> <p><b>Date: 5/23/2025</b></p> <p><b>Location: Lyons, CO</b></p> <p><b>Description:</b> Lyons water line.</p>



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 64**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

No concern - possibly man-made erosion control or flow control structure.



**Photograph: 65**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

Man-made energy dissipation control - no concern.



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 66**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

*Pump by river-  
correlates to Peterson  
Pump.*

<https://dwr.state.co.us/Tols/Structures/0501224>



**Photograph: 67**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

The city of Boulder  
buried water.



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 68**

**Date** 5/23/2025

**Location:** Lyons, CO

**Description:**  
City of Boulder Water



**Photograph: 69**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**  
*Small weir on Boulder  
Property. Not a  
diversion.*



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 70**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

Natural - No Concern



**Photograph: 71**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

Longmont pipeline.



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 72**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

*Pool & pump to garden. 50 ft. well is only water right listed. Owner is Tina & Jeff Baurick - Kindly allowed access.*

<https://dwr.state.co.us/Tools/WellPermits/0251951>



**Photograph: 73**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

Pool view 2.



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 74**

**Date** 5/24/2025

**Location:** Lyons, CO

**Description:**

Natural - No Concern.



**Photograph: 75**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

***Diversion pipe - 22" opening.***



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 76**

**Date** 5/24/2025

**Location:** Lyons, CO

**Description:**

**Measurement for  
pipe. On County of  
Boulder property.**



**Photograph: 77**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

Pipe controls for above  
photo.



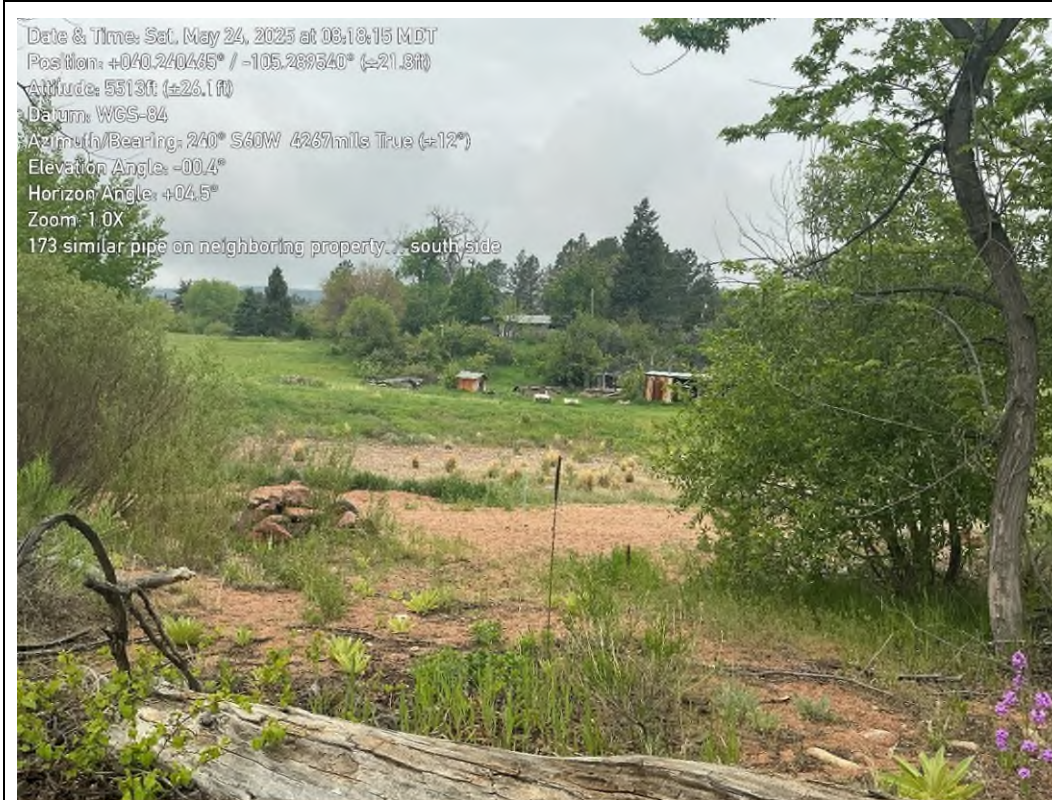
## PHOTOGRAPH LOG



Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



Date & Time: Sat, May 24, 2025 at 08:18:15 MDT  
Position: +040.240465° / -105.289540° (±21.8ft)  
Altitude: 5513ft (±26.1ft)  
Datum: WGS-84  
Azimuth/Bearing: 260° S60W 4267mils True (±12°)  
Elevation Angle: -00.4°  
Horizon Angle: +04.5°  
Zoom: 1.0X  
173 similar pipe on neighboring property... south side

**Photograph: 78**

**Date:** 5/24/2025

**Location:** Lyons, CO

### Description:

The similar sized pipe is on neighbors' property of Burdock Hollow LLC. This is listed as Sosey Ditch Flow Control for North Saint Vrain Creek.



Date & Time: Sat, May 24, 2025 at 08:21:26 MDT  
Position: +040.239851° / -105.289359° (±25.5ft)  
Altitude: 5494ft (±30.0ft)  
Datum: WGS-84  
Azimuth/Bearing: 091° S89E 1618mils True (±20°)  
Elevation Angle: -09.7°  
Horizon Angle: +02.9°  
Zoom: 1.0X  
73

**Photograph: 79**

**Date:** 5/24/2025

**Location:** Lyons, CO

### Description:

**Blue pumps takes water to red shipping container and there is mass irrigation. They have one expired permit & a point of diversion that may have expired in 2015. Land belongs to Janis & James McCain.**

<https://dwr.state.co.us/Tools/Structures/0505598>



## PHOTOGRAPH LOG



Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference

Date & Time: Sat, May 24, 2025 at 08:24:31 MDT  
 Position: +040.240364° / -105.269568° (±9.2ft)  
 Altitude: 5496ft (±10.4ft)  
 Datum: WGS-84  
 Azimuth/Bearing: 121° S59E 2151mils True (±15°)  
 Elevation Angle: +01.2°  
 Horizon Angle: +03.5°  
 Zoom: 1.0X  
 73 cargo box



**Photograph: 80**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

***Second view of shipping container that pump goes to.***

Date & Time: Sat, May 24, 2025 at 08:43:59 MDT  
 Position: +040.229552° / -105.266433° (±20.3ft)  
 Altitude: 5508ft (±19.9ft)  
 Datum: WGS-84  
 Azimuth/Bearing: 272° N88W 4836mils True (±13°)  
 Elevation Angle: -23.3°  
 Horizon Angle: +03.7°  
 Zoom: 1.0X  
 87



**Photograph: 81**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

***Man made weir with black pump station. Possibly expired in 2016 - correlates to:***

<https://dwr.state.co.us/Tools/Structures/0505583>

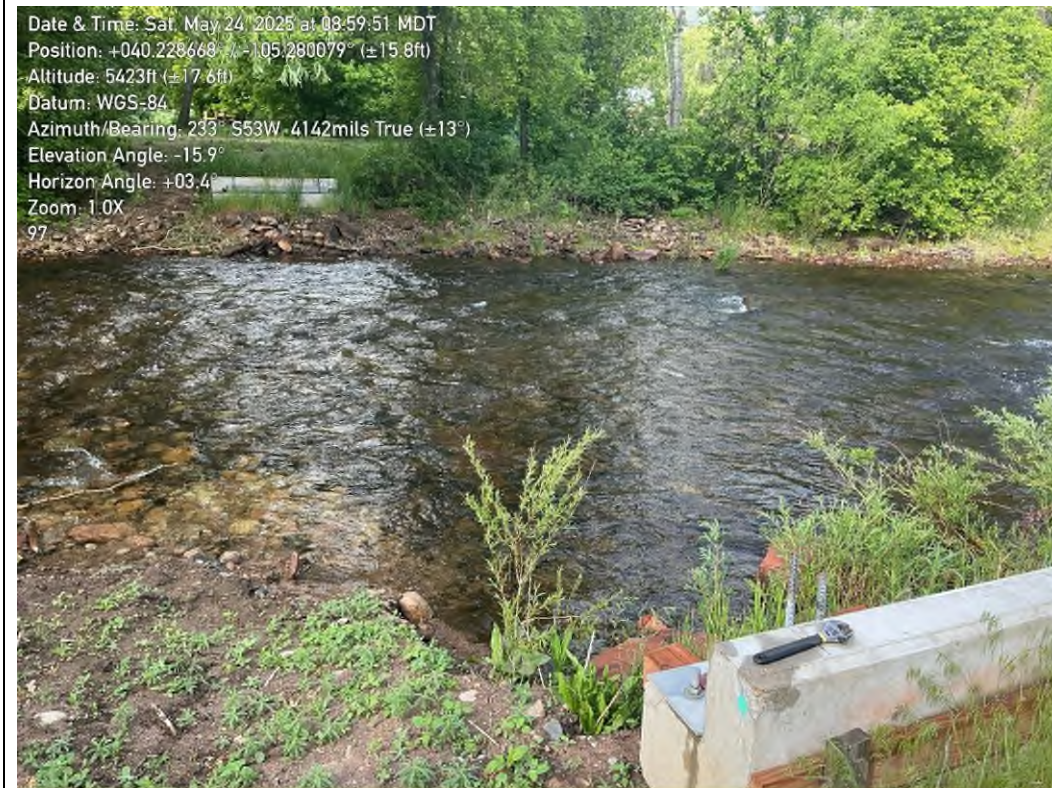


## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 82**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

Bridge for events - no water concerns at this point.



**Photograph: 83**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

**Bank area to possibly draw water. They are drawing from other areas- Black pipe and container directly behind this point. Planet Bluegrass Farms LLC. No water rights observed.**



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference

Date & Time: Sat, May 24, 2025 at 09:03:07 MDT  
Position: +040.228998° / -105.280533° (±17.8ft)  
Altitude: 5433ft (±17.7ft)  
Datum: WGS-84  
Azimuth/Bearing: 329° N31W 5849mils True (±13°)  
Elevation Angle: -14.2°  
Horizon Angle: +03.4°  
Zoom: 1.0X  
256



**Photograph: 84**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

***Shipping container and pipe by river access point above.***

Date & Time: Sat, May 24, 2025 at 09:08:01 MDT  
Position: +040.228515° / -105.279313° (±8.1ft)  
Altitude: 5427ft (±9.8ft)  
Datum: WGS-84  
Azimuth/Bearing: 164° S16E 2916mils True (±13°)  
Elevation Angle: -22.9°  
Horizon Angle: +02.3°  
Zoom: 1.0X  
257



**Photograph: 85**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

***Man made weir with pipe. Bluegrass Farms LLC***



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference

Date & Time: Sat, May 24, 2025 at 09:06:08 MDT  
Position: +040.228512° / -105.279314° (±8.1 ft)  
Altitude: 5428 ft (±9.8 ft)  
Datum: WGS-84  
Azimuth/Bearing: 153° 527E 2720mils True (±13°)  
Elevation Angle: +44.1°  
Horizon Angle: +02.4°  
Zoom: 1.0X  
257 pipe, lot of sprinklers



**Photograph: 86**

**Date** 5/24/2025

**Location:** Lyons, CO

**Description:**

*Pipe by man-made  
weir - Bluegrass  
Farms LLC*

Date & Time: Sat, May 24, 2025 at 09:08:28 MDT  
Position: +040.228552° / -105.278779° (±12.8 ft)  
Altitude: 5424 ft (±13.8 ft)  
Datum: WGS-84  
Azimuth/Bearing: 199° 519W 3538mils True (±13°)  
Elevation Angle: -36.9°  
Horizon Angle: +07.2°  
Zoom: 1.0X  
258 pump



**Photograph: 87**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

*Pumps from river-  
2.5" pipe. Waters  
almost all the  
property. No water  
rights observed.  
Bluegrass Farms LLC*



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 88**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

*Pipes from river to  
irrigation - Bluegrass  
Farms LLC*



**Photograph: 89**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

*Pipe size of location  
158 is 2.5" Blue Grass  
Farms LLC*



## PHOTOGRAPH LOG



Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference

Date & Time: Sat, May 24, 2025 at 09:23:56 MDT  
Position: +040.229499° / -105.275664° (±10.6ft)  
Altitude: 5435ft (±10.9ft)  
Datum: WGS-84  
Azimuth/Bearing: 133.547E 2866mils True (±13°)  
Elevation Angle: -41.9°  
Horizon Angle: +03.2°  
Zoom: 1.0X  
259



**Photograph: 90**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

***Pump at Festivaria LLC - this land connects to Bluegrass Farms LLC. Festivaria has three water rights:***

Pump- point of diversion  
Furguson Pump

<https://dwr.state.co.us/Tools/Structures/0501233>

Well- Steamboat WTR Co  
Well

<https://dwr.state.co.us/Tools/Structures/0505354>

Well- Williams Well

<https://dwr.state.co.us/Tools/Structures/0505625>



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 91**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**  
Second view of pump.  
Festivaria LLC



**Photograph: 92**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**  
Size of pipe is 3".  
Festivaria LLC

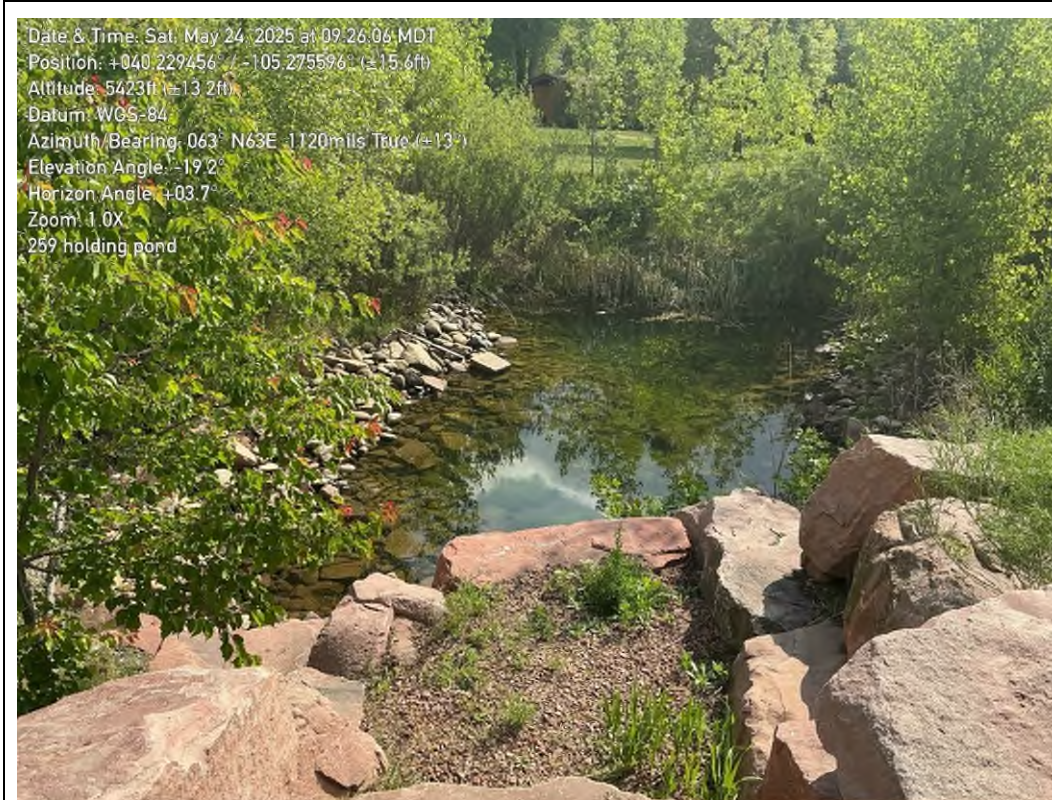


## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 93**

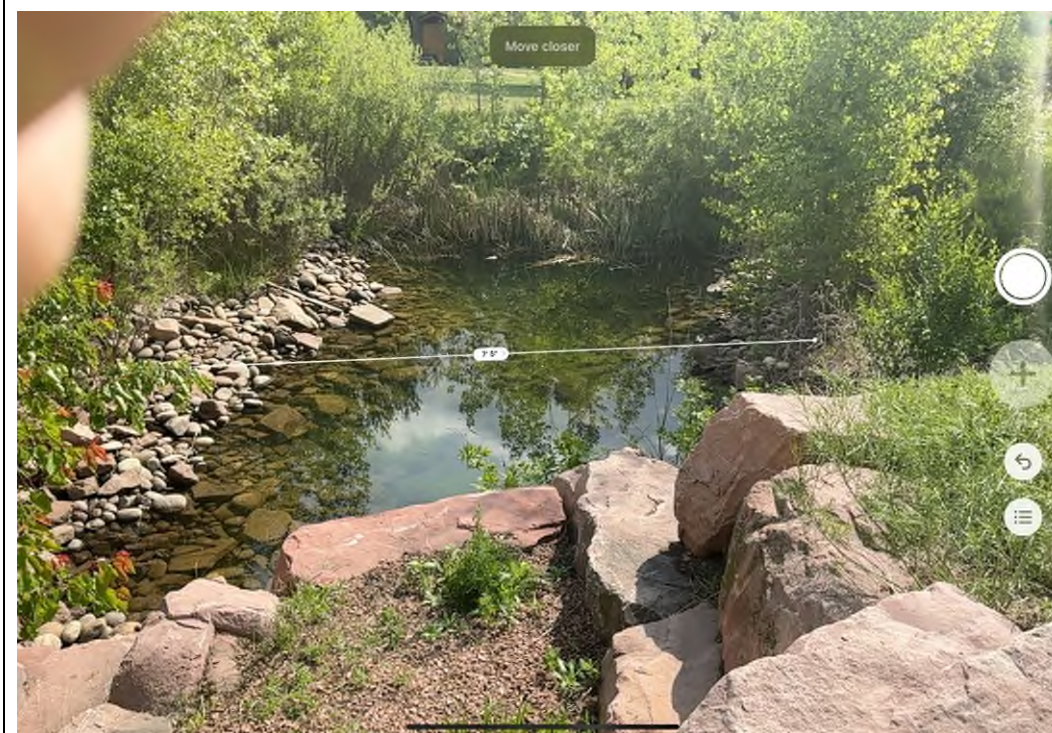
**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

Holding pond by pump is approximately 7.5 ft. x 30 ft.

Festivaria LLC



**Photograph: 94**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

Width of holding pond.

Festivaria LLC

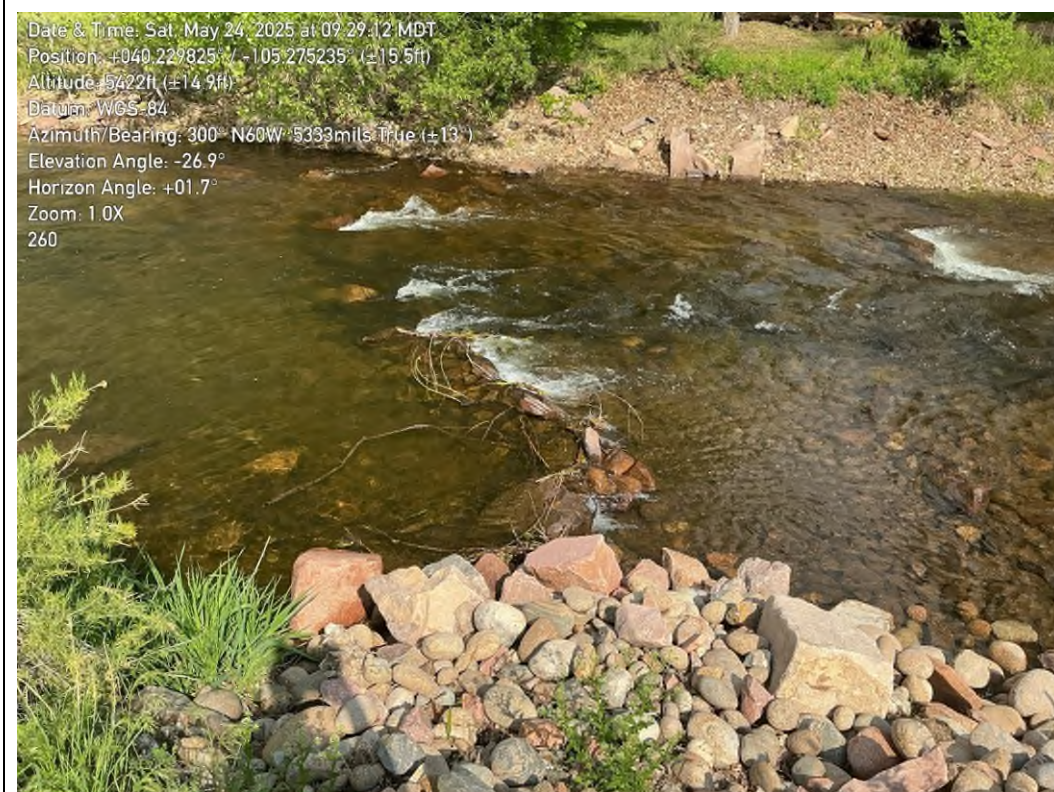


## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 95**

**Date** 5/24/2025

**Location:** Lyons, CO

**Description:**

Mad made weir - appears to be for pumping. Photo Id Incorrect - #264

Festivaria LLC



**Photograph: 96**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

Pipe by man-made weir.

Festivaria LLC



## PHOTOGRAPH LOG



Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 97**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

Size of pipe from 260 is 3".

Festivaria LLC



Date & Time: Sat, May 24, 2025 at 09:31:36 MDT  
Position: +040.230010 / -105.275017 (±21.7ft)  
Altitude: 5442ft (±23.5ft)  
Datum: WGS-84  
Azimuth/Bearing: 249° 56'W 4427mils True (±14°)  
Elevation Angle: -14.5°  
Horizon Angle: +02.1°  
Zoom: 1.0X  
261

**Photograph: 98**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

Man made pooling area.

Festivaria LLC



## PHOTOGRAPH LOG



Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 99**

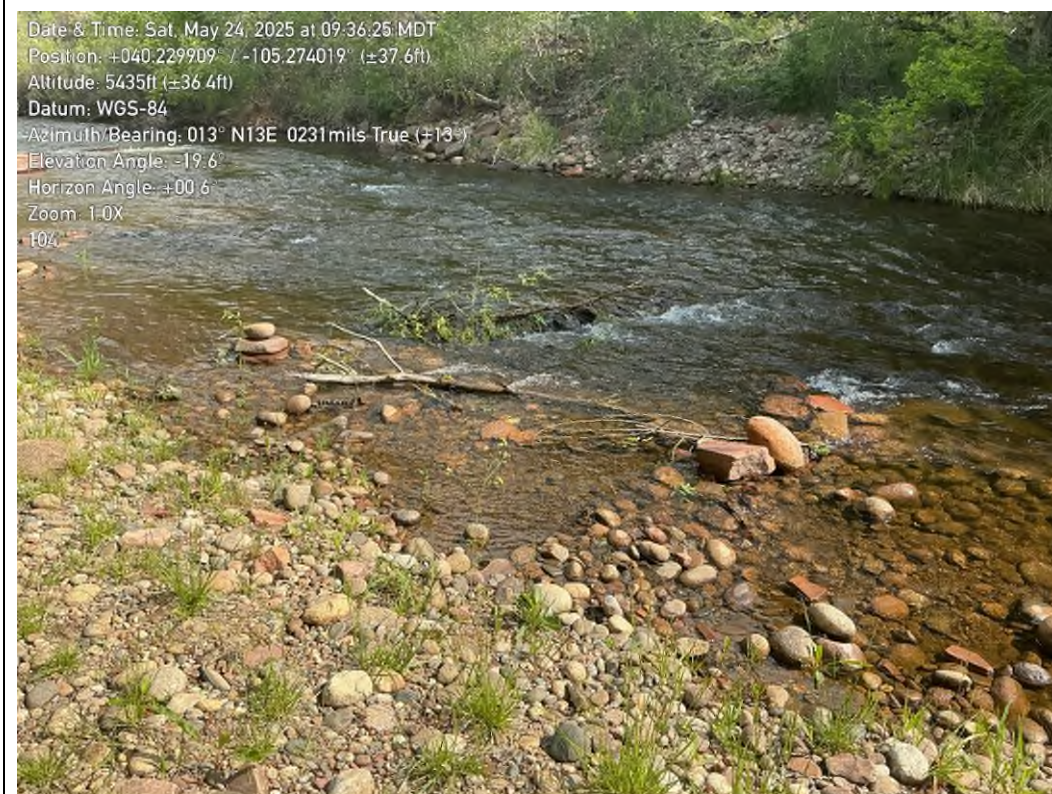
**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

5' Wiers - likely part of visitors. Not off stream diversion.

Festivaria LLC



**Photograph: 100**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

More Weirs.

Festivaria LLC



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference

Date & Time: Sat, May 24, 2025 at 09:38:19 MDT  
Position: +040.229694 / -105.273823 (±25.7ft)  
Altitude: 5423ft (±27.5ft)  
Datum: WGS-84  
Azimuth/Bearing: 329° N31W 5849mils True (±13°)  
Elevation Angle: -10.0°  
Horizon Angle: +80.9°  
Zoom: 1.0X  
105



**Photograph: 101**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

Larger Weir.

Festivaria LLC

Date & Time: Sat, May 24, 2025 at 09:39:35 MDT  
Position: +040.229674 / -105.273833 (±27.0ft)  
Altitude: 5421ft (±27.7ft)  
Datum: WGS-84  
Azimuth/Bearing: 074° N74E 1316mils True (±13°)  
Elevation Angle: -14.2°  
Horizon Angle: +03.8°  
Zoom: 1.0X  
106 b parallel 12'



**Photograph: 102**

**Date** 5/24/2025

**Location:** Lyons, CO

**Description:**

Weirs to slow water.

Festivaria LLC



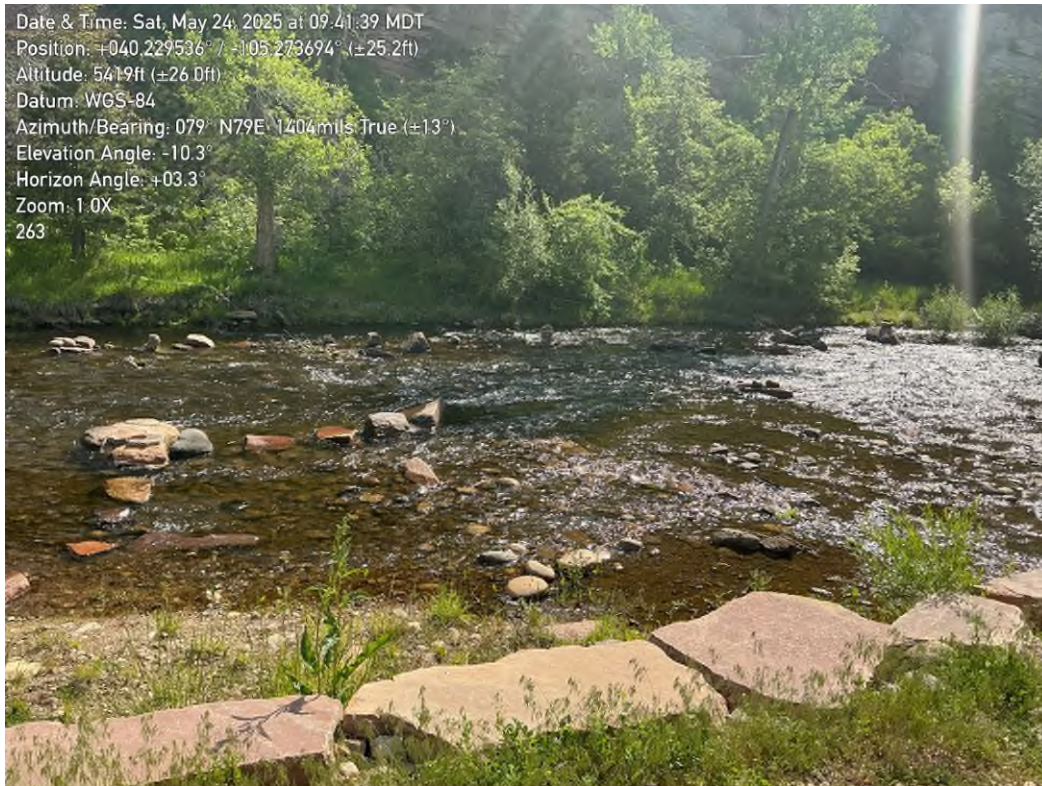
## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference

Date & Time: Sat, May 24, 2025 at 09:41:39 MDT  
Position: +040.229536° / -105.273694° (±25.2ft)  
Altitude: 5419ft (±26 Dft)  
Datum: WGS-84  
Azimuth/Bearing: 079° N79E 1404mils True (±13°)  
Elevation Angle: -10.3°  
Horizon Angle: +03.3°  
Zoom: 1.0X  
263



**Photograph: 103**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

Weirs to slow water.

Festivaria LLC

Date & Time: Sat, May 24, 2025 at 09:42:29 MDT  
Position: +040.229361° / -105.273345° (±26.3ft)  
Altitude: 5409ft (±25.7ft)  
Datum: WGS-84  
Azimuth/Bearing: 348° N12W 6187mils True (±13°)  
Elevation Angle: -10.1°  
Horizon Angle: +02.6°  
Zoom: 1.0X  
263 view 2



**Photograph: 104**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

Weirs to slow water.

Festivaria LLC



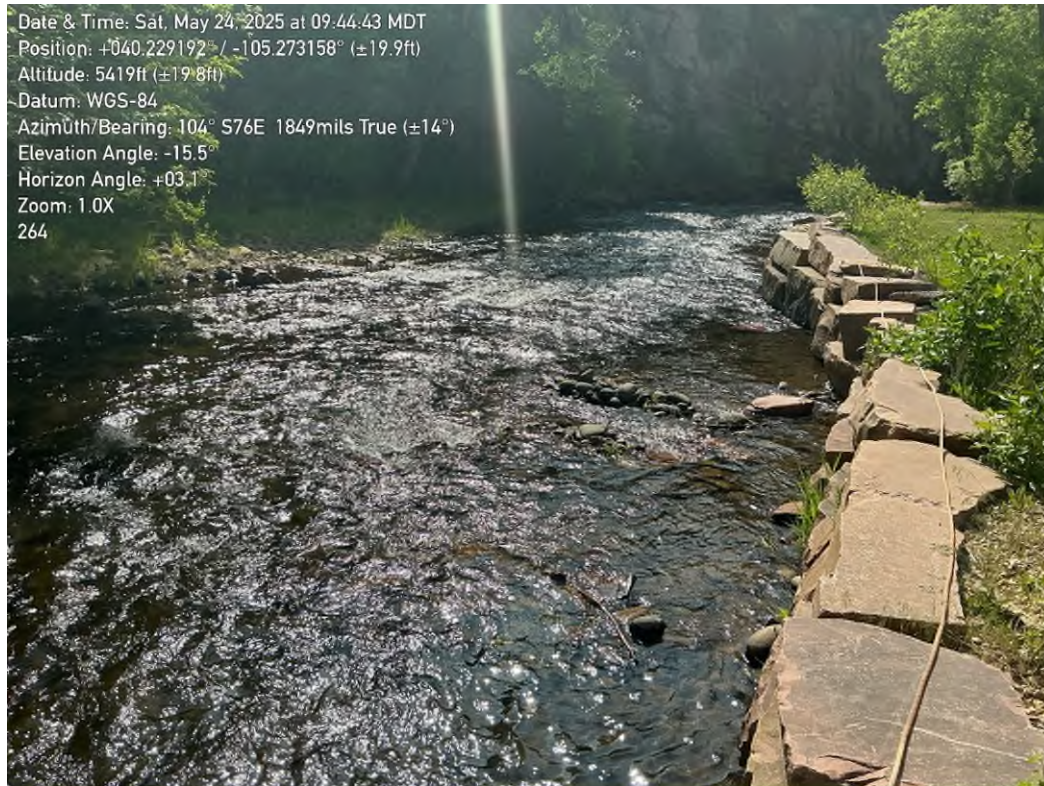
## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference

Date & Time: Sat, May 24, 2025 at 09:44:43 MDT  
Position: +040.229192° / -105.273158° (±19.9ft)  
Altitude: 5419ft (±19.8ft)  
Datum: WGS-84  
Azimuth/Bearing: 104° S76E 1849mils True (±14°)  
Elevation Angle: -15.5°  
Horizon Angle: +03.1°  
Zoom: 1.0X  
264



**Photograph: 105**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

Additional Weir.

Festivaria LLC

Date & Time: Sat, May 24, 2025 at 09:45:10 MDT  
Position: +040.229112° / -105.273098° (±11.6ft)  
Altitude: 5427ft (±19.7ft)  
Datum: WGS-84  
Azimuth/Bearing: 345° N15W 6133mils True (±35°)  
Elevation Angle: -15.2°  
Horizon Angle: +02.3°  
Zoom: 1.0X  
264 b



**Photograph: 106**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

Additional Weir.

Festivaria LLC



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 107**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

Additional Weir.

Festivaria LLC



**Photograph: 108**

**Date** 5/24/2025

**Location:** Lyons, CO

**Description:**

Additional Weir.

Festivaria LLC



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 109**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

Beach area.

Festivaria LLC



**Photograph: 110**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

Second view of the beach area.

Festivaria LLC



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference

Date & Time: Sat, May 24, 2025 at 09:51:49 MDT  
Position: +040.228242° / -105.272529° (±33.6ft)  
Altitude: 5441ft (±23.8ft)  
Datum: WGS-84  
Azimuth/Bearing: 135° S45E 2400mils True (±13°)  
Elevation Angle: -17.7°  
Horizon Angle: +04.9°  
Zoom: 1.0X  
112



**Photograph: 111**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

J-Hook shaped weir.

Festivaria LLC

Date & Time: Sat, May 24, 2025 at 09:52:27 MDT  
Position: +040.228027° / -105.272547° (±22.1ft)  
Altitude: 5473ft (±39.4ft)  
Datum: WGS-84  
Azimuth/Bearing: 014° N14E 0249mils True (±14°)  
Elevation Angle: -16.5°  
Horizon Angle: -00.1°  
Zoom: 1.0X  
112 b



**Photograph: 112**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

Additional Weirs.

Festivaria LLC



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 113**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

Natural - No Concerns.

Festivaria LLC



**Photograph: 114**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

A small pool created approximately 6'x6'. No access granted and kids were in the pool. Visible from the road.



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

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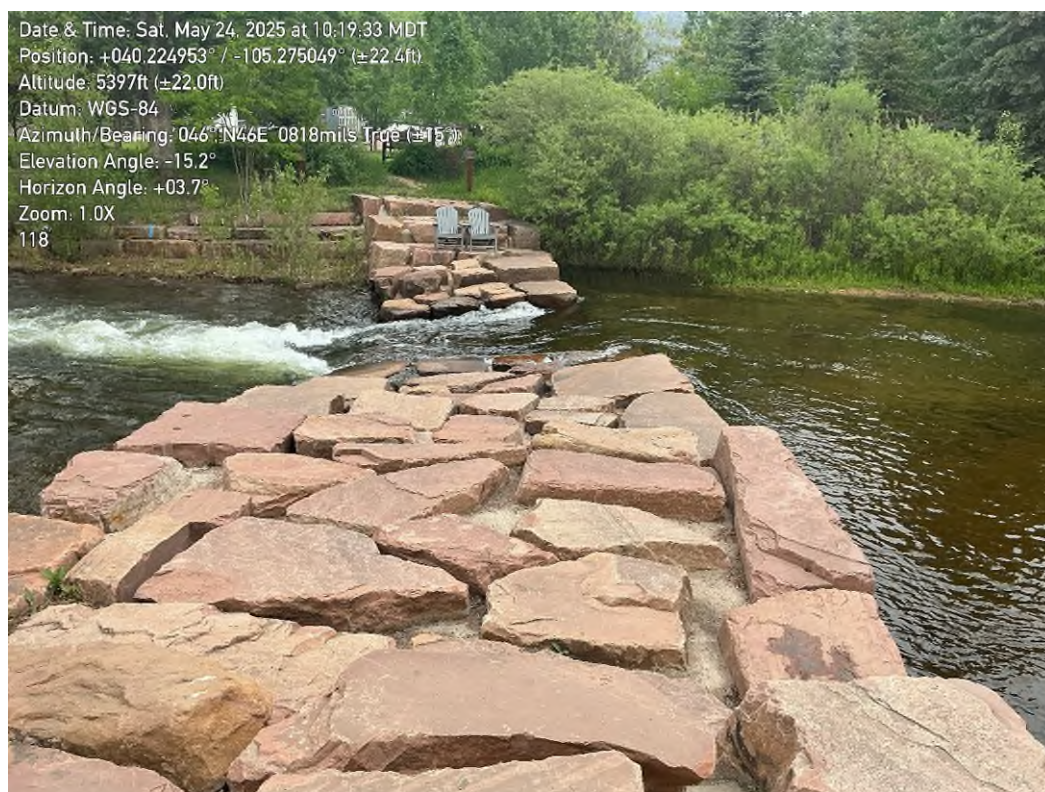
**Photograph: 115**

**Date** 5/24/2025

**Location:** Lyons, CO

**Description:**

Natural entry to Lyons Ditch.



**Photograph: 116**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

Lyons Ditch Weir.



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference

Date & Time: Sat, May 24, 2025 at 10:20:54 MDT  
Position: +040.224903° / -105.275051° (±18.8ft)  
Altitude: 5397ft (±18.2ft)  
Datum: WGS-84  
Azimuth/Bearing: 104° S76E 1849mils True (±15°)  
Elevation Angle: -31.2°  
Horizon Angle: +04.1°  
Zoom: 1.0X  
121



**Photograph: 117**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

Lyons ditch diversion- 5 block stretch others may be pulling from -  
**No meter. No flow at the end of 5 blocks.**

Date & Time: Sat, May 24, 2025 at 10:21:04 MDT  
Position: +040.224897° / -105.275071° (±20.3ft)  
Altitude: 5397ft (±19.7ft)  
Datum: WGS-84  
Azimuth/Bearing: 062° N62E 1102mils True (±14°)  
Elevation Angle: -19.0°  
Horizon Angle: +01.4°  
Zoom: 1.0X  
1216



**Photograph: 118**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

View 2 of Lyons Ditch.



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference

Date & Time: Sat May 24, 2025 at 10:22:13 MDT  
Position: +040.225087° / -105.275205° (±11.7ft)  
Altitude: 5400ft (±11.5ft)  
Datum: WGS-84  
Azimuth/Bearing: 348.7 N12W 6187mils True (±14°)  
Elevation Angle: -13.0°  
Horizon Angle: +01.5°  
Zoom: 1.0X  
122



**Photograph: 119**

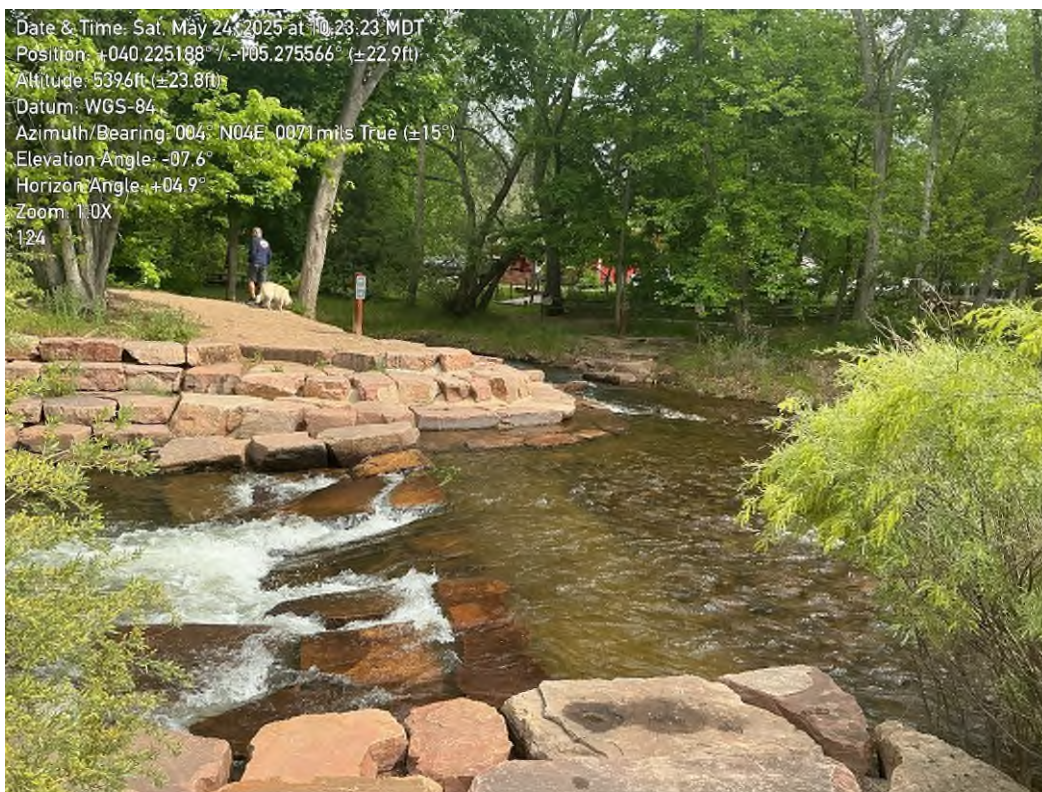
**Date** 5/24/2025

**Location:** Lyons, CO

**Description:**

Lyons Weir.

Date & Time: Sat May 24, 2025 at 10:23:23 MDT  
Position: +040.225188° / -105.275566° (±22.9ft)  
Altitude: 5396ft (±23.8ft)  
Datum: WGS-84  
Azimuth/Bearing: 004.1 N04E 0071mils True (±15°)  
Elevation Angle: -07.6°  
Horizon Angle: +04.9°  
Zoom: 1.0X  
124



**Photograph: 120**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

Split of river by park.



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 121**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

Lyons Weir.



**Photograph: 122**

**Date** 5/24/2025

**Location:** Lyons, CO

**Description:**

Natural - No Concerns  
on split that goes  
around by neighbor and  
back to park.



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 123**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

Lyons Weir.



**Photograph: 124**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

Partial return of City Diversion in park. **No meter.**



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 125**

**Date** 5/24/2025

**Location:** Lyons, CO

**Description:**

Lyons Weir.



**Photograph: 126**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

Lyons Weir.

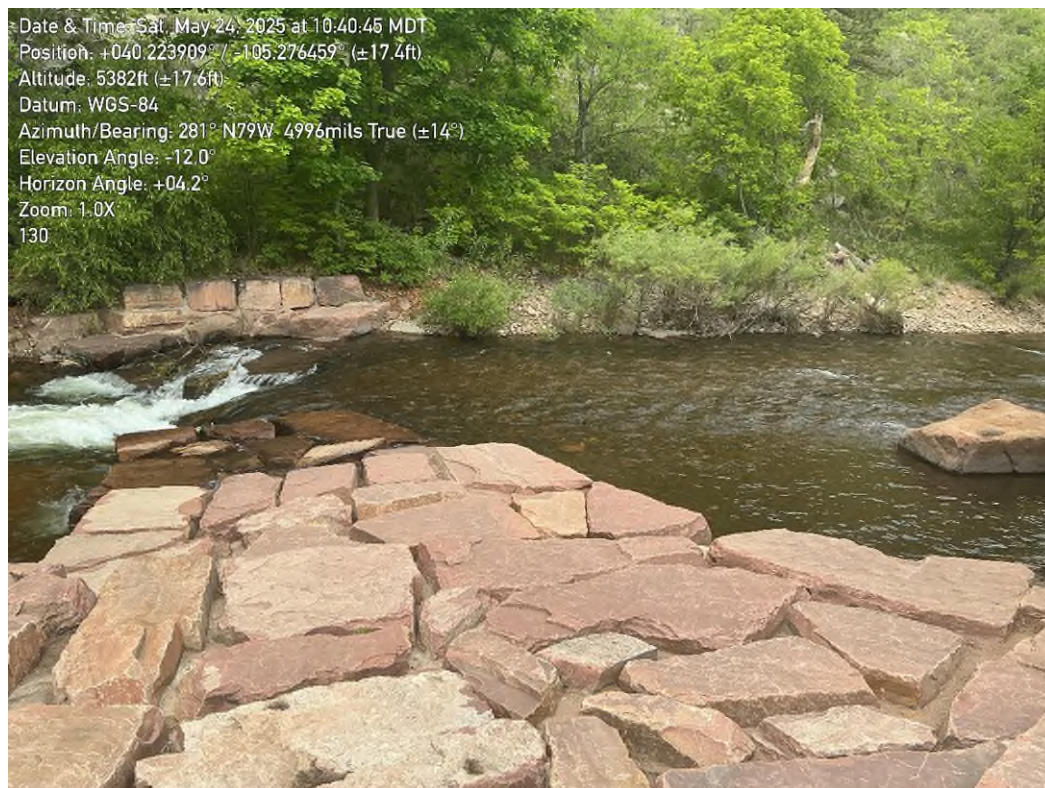


## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



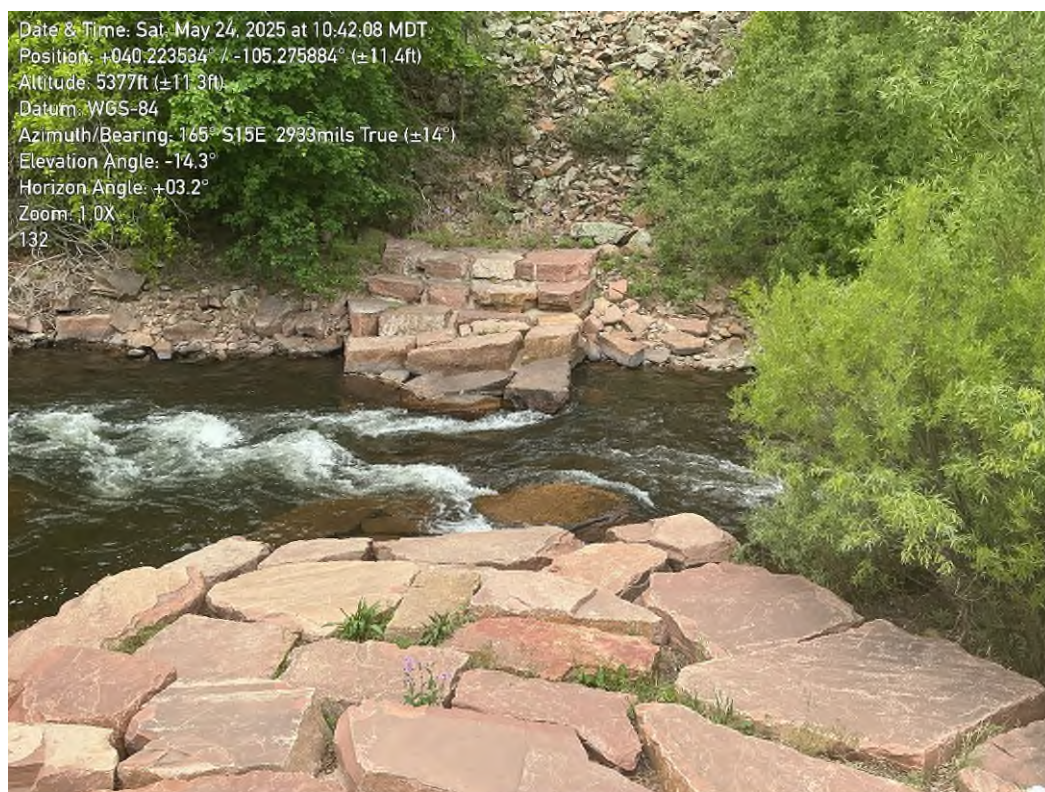
**Photograph: 127**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

Lyons Weir.



**Photograph: 128**

**Date** 5/24/2025

**Location:** Lyons, CO

**Description:**

Lyons Weir.



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 129**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

Lyons Weir.



**Photograph: 130**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

Lyons Weir.



## PHOTOGRAPH LOG



Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference

Date & Time: Sat, May 24, 2025 at 10:46:28 MDT  
Position: +040.223115° / -105.274269° (±12.1ft)  
Altitude: 5383ft (±12.9ft)  
Datum: WGS-84  
Azimuth/Bearing: 168° S12E 2987mils True (±14°)  
Elevation Angle: -07.9°  
Horizon Angle: +07.4°  
Zoom: 1.0X  
138



**Photograph: 131**

**Date** 5/24/2025

**Location:** Lyons, CO

**Description:**

Lyons Weir.

Date & Time: Sat, May 24, 2025 at 10:47:28 MDT  
Position: +040.222989° / -105.273936° (±24.8ft)  
Altitude: 5380ft (±26.5ft)  
Datum: WGS-84  
Azimuth/Bearing: 194° S14W 3449mils True (±14°)  
Elevation Angle: -22.1°  
Horizon Angle: +04.2°  
Zoom: 1.0X  
140



**Photograph: 132**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

Lyons Weir.


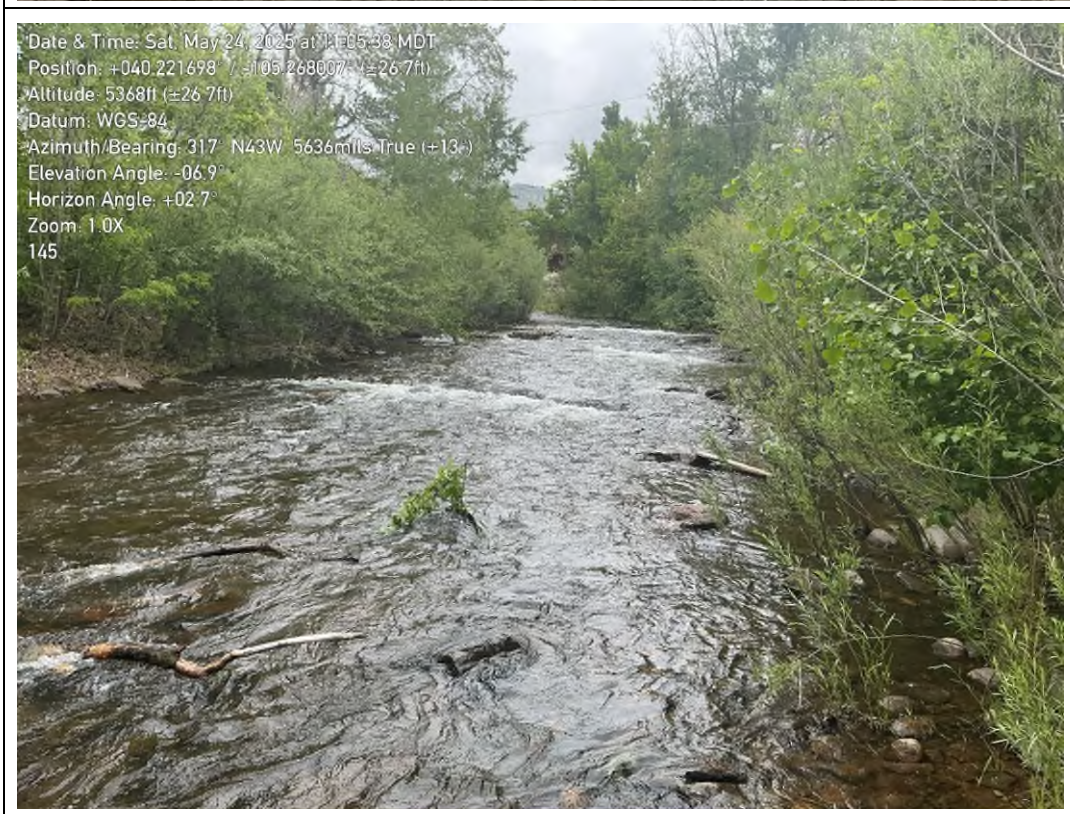


## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference

<p>Date &amp; Time: Sat, May 24, 2025 at 10:56:06 MDT Position: -040.222584 / -105.272571 (±25.9ft) Altitude: 5370ft (±28.5ft) Datum: WGS-84 Azimuth/Bearing: 270° S90W 4800mils True (±14°) Elevation Angle: -07.8° Horizon Angle: +01.5° Zoom: 1.0X 142</p> 	<p><b>Photograph: 133</b> <b>Date:</b> 5/24/2025 <b>Location:</b> Lyons, CO <b>Description:</b> Natural - No Concerns</p>
<p>Date &amp; Time: Sat, May 24, 2025 at 11:05:38 MDT Position: -040.221698 / -105.269007 (±26.7ft) Altitude: 5368ft (±26.7ft) Datum: WGS-84 Azimuth/Bearing: 317° N43W 5636mils True (±13°) Elevation Angle: -06.9° Horizon Angle: +02.7° Zoom: 1.0X 145</p> 	<p><b>Photograph: 134</b> <b>Date</b> 5/24/2025 <b>Location:</b> Lyons, CO <b>Description:</b> Natural - No Concerns</p>



## PHOTOGRAPH LOG



Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



Date & Time: Sat May 24 2025 at 11:08:48 MDT  
Position: -104.0221570 / -105.267695 / 10.0ft  
Altitude: 5355ft ±10.2ft  
Datum: WGS 84  
Azimuth/Heading: 080° N80E 1422mils True (±14°)  
Elevation Angle: 12°  
Horizon Angle: 00.9°  
Zoom: 1.0x  
193

**Photograph: 135**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

***Irrigation System by river with a lot of pipes. These are located on the Town of Lyons Section 18 Township 3N Range 70 Block 20 Lot 10. A Thomas pump is associated with this water right- no meter observed. The neighbor who it appears to go to also has a water right associated.***

<https://dwr.state.co.us/Tools/Structures/0501229>  
&  
<https://dwr.state.co.us/Tools/Structures/0501228>



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 136**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

More 2.5" pipe on Town of Lyons property.



**Photograph: 137**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

Location 193 pipe size of 2.5"



## PHOTOGRAPH LOG



Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 138**

**Date** 5/24/2025

**Location:** Lyons, CO

**Description:**

Lyons Diversion.



**Photograph: 139**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

Pump on neighbor that is next to Town of Lyons where the above 2.5" pipe was. Water right associated:

<https://dwr.state.co.us/Tools/Structures/0501228>



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 140**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

***Unknown Diversion at Lyons Park #2.***



**Photograph: 141**

**Date** 5/24/2025

**Location:** Lyons, CO

**Description:**

**Confluence of Rivers.**



## PHOTOGRAPH LOG



Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference

Date & Time: Sat, May 24, 2025 at 11:26:15 MDT  
Position: +040.220575, -105.266879 (±15.7ft)  
Altitude: 5350ft (±17.1ft)  
Datum: WGS-84  
Azimuth/Bearing: 016° N16E 0284mils True (±13°)  
Elevation Angle: -10.3°  
Horizon Angle: +03.0°  
Zoom: 1.0X  
148



**Photograph: 142**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

No pump observed -  
Appears to just be a  
beach.

Date & Time: Sat, May 24, 2025 at 11:28:24 MDT  
Position: +040.220578, -105.266898 (±13.3ft)  
Altitude: 5355ft (±13.1ft)  
Datum: WGS-84  
Azimuth/Bearing: 347° N13W 6169mils True (±13°)  
Elevation Angle: -05.9°  
Horizon Angle: +02.0°  
Zoom: 1.0X  
195, yellow structure in yard



**Photograph: 143**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

*There appears to be a  
yellow pump in the  
yard & associated  
water rights.*

<https://dwr.state.co.us/Tools/Structures/0501228>

<https://dwr.state.co.us/Tools/Structures/0502128>

<https://dwr.state.co.us/Tools/Structures/0502025>



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 144**

**Date** 5/24/2025

**Location:** Lyons, CO

**Description:**

***Possible Pump in yard w/ river access.  
No water right association observed.  
No homeowner information available.***



**Photograph: 145**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

***1" Black pipe in water  
- no water right observed.***



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 146**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

Possible old return.



**Photograph: 147**

**Date** 5/24/2025

**Location:** Lyons, CO

**Description:**

Unsure of water use or diversion potential.



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference

Date & Time: Sat, May 24, 2025 at 11:37:06 MDT  
Position: +040.220328° / -105.265402° (±63.5ft)  
Altitude: 5297ft (±63.7ft)  
Datum: WGS-84  
Azimuth/Bearing: 356° N04W 6329mils True (±13°)  
Elevation Angle: -04.7°  
Horizon Angle: +00.7°  
Zoom: 1.0X  
196, no flow



**Photograph: 148**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

Lyons Return.  
Associated water rights  
of who is pulling water  
is listed here.

<https://dwr.state.co.us/Tools/Structures/0500910>

No return was  
observed. It is unknown  
what is being diverted  
as well.

Date & Time: Sat, May 24, 2025 at 11:45:35 MDT  
Position: +040.220645° / -105.263527° (±28.6ft)  
Altitude: 5362ft (±29.9ft)  
Datum: WGS-84  
Azimuth/Bearing: 239° S59W 4249mils True (±14°)  
Elevation Angle: -12.3°  
Horizon Angle: +00.5°  
Zoom: 1.0X  
151



**Photograph: 149**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

Lyons structures.



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 150**

**Date** 5/24/2025

**Location:** Lyons, CO

**Description:**

Lyons structures.



**Photograph: 151**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

Beach area - no pump observed.



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 152**

**Date** 5/24/2025

**Location:** Lyons, CO

**Description:**

Lyons structures.



**Photograph: 153**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

Lyons holding pond.



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference

<p>Date &amp; Time: Sat, May 24, 2025 at 12:06:29 MDT Position: +040.217998° / -105.260966° (±18.0ft) Altitude: 5339ft (±17.3ft) Datum: WGS-84 Azimuth/Bearing: 110° S70E 1956mils True (±14°) Elevation Angle: -13.5° Horizon Angle: -03.0° Zoom: 1.0X 198</p> 	<p><b>Photograph: 154</b></p> <p><b>Date:</b> 5/24/2025</p> <p><b>Location:</b> Lyons, CO</p> <p><b>Description:</b> Lyons holding pond.</p>
<p>Date &amp; Time: Sat, May 24, 2025 at 12:06:53 MDT Position: +040.217469° / -105.261115° (±15.3ft) Altitude: 5339ft (±14.2ft) Datum: WGS-84 Azimuth/Bearing: 053° N53E 0942mils True (±14°) Elevation Angle: -15.0° Horizon Angle: +08.2° Zoom: 1.0X 198</p> 	<p><b>Photograph: 155</b></p> <p><b>Date</b> 5/24/2025</p> <p><b>Location:</b> Lyons, CO</p> <p><b>Description:</b> Lyons holding pond.</p>



## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference

Date & Time: Sat, May 24, 2025 at 12:06:58 MDT  
Position: +040.217468° / -105.241115° (±7.5ft)  
Altitude: 5338ft (±16.4ft)  
Datum: WGS-84  
Azimuth/Bearing: 015° N15E 0267mils True (±14°)  
Elevation Angle: -11.8°  
Horizon Angle: +00.8°  
Zoom: 1.0X  
198



**Photograph: 156**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

Lyons holding pond.

Date & Time: Sat, May 24, 2025 at 12:08:44 MDT  
Position: +040.217960° / -105.261589° (±8.0ft)  
Altitude: 5331ft (±9.8ft)  
Datum: WGS-84  
Azimuth/Bearing: 304° N56W 5404mils True (±16°)  
Elevation Angle: -15.5°  
Horizon Angle: +02.7°  
Zoom: 1.0X  
198 west



**Photograph: 157**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

Lyons holding pond.



## PHOTOGRAPH LOG



Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 158**

**Date** 5/24/2025

**Location:** Lyons, CO

**Description:**

Natural



**Photograph: 159**

**Date:** 5/24/2025

**Location:** Lyons, CO

**Description:**

Natural

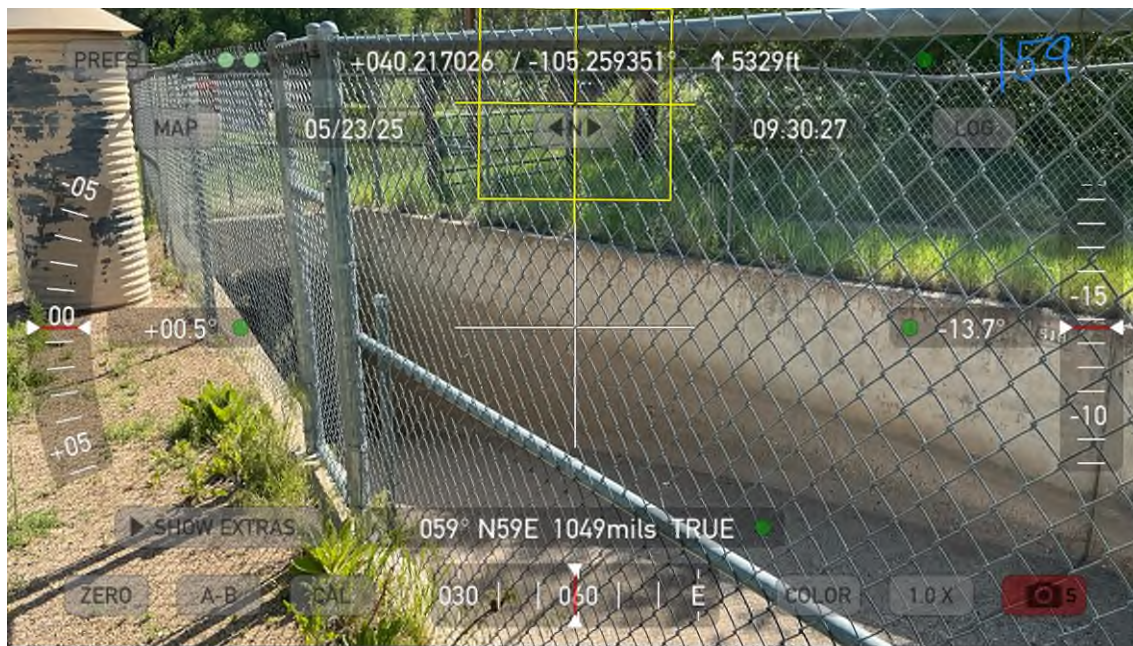


## PHOTOGRAPH LOG

Lyons, CO Stream Bypass Study

Field Photos #'s in Photo Correlate To Figure 1.1

Photo Log #'s Are Sequential for Quick Reference



**Photograph: 160**

**Date:** 5/23/2025

**Location:** Lyons, CO

**Description:**

Northern Water  
Release



**Photograph: 161**

**Date** 5/23/2025

**Location:** Lyons, CO

**Description:**

Built in steps/release  
point.