ROUTT COUNTY
PLANNING DEPARTMENT
PO Box 773749
Steamboat Springs, CO 80477
Ph: (970) 879-2704

APPLICATION FORM: LAND USE & ZONING

OFFICE USE

Activity No. _____
Base Fee $ _____ Receipt No. _____
Received By _____ Date _____
Deemed Complete By _____ Date _____

I. PROJECT NAME
Camilletti Milner Pit # 2

II. TYPE OF REVIEW
This application form must be accompanied by the applicable submittal checklist.

- ☐ Minor Use Permit
- ☐ Administrative Permit
- ☐ Site Plan Review
- ☐ Conditional Use Permit (CUP)
- ☐ Sign Permit
- ☐ Water Body Setback Permit
- ☐ Pre-Application Conference
- ☑ Special Use Permit (SUP)
- ☐ Special Event Permit
- ☐ Floodplain Development Permit
- ☐ Zoning Amendment/Rezoning
- ☐ Conceptual PUD
- ☐ Administrative Amendment to CUP/SUP/PUD/Site Plan
- ☐ Variance
- ☐ Final PUD

III. APPLICANT
Name: Precision Excavating, Inc.
Mailing Address: P.O. Box 790
City: Hayden State: CO Zip: 81639-0790
Phone: 970-276-3359 Email: DZehner@precisionexcavatinginc.com

Representative / Primary Contact: David S. Zehner
Mailing Address: P.O. Box 790
City: Hayden State: CO Zip: 81639-0790
Phone: 970-276-3359 Email: DZehner@precisionexcavatinginc.com

IV. PROPERTY OWNER
Name: Camilletti & Sons, Inc.
Mailing Address: HCR 66 Box 69
City: Steamboat Springs State: CO Zip: 80487-9804
Phone: 970-879-0838 Email:

V. PROPERTY INFORMATION
Property Address: 38205 Routt County Road 179, Milner, CO 80487
General Location: South of Milner approximately 1/2 mile on RCR 179
Legal Description *(may be attached)*: South 1/2 of Section 15 and North 1/2 of the North 1/2 of Section 22, T6N, R86W
Parcel Identification No. (PIN): 938091001 Property Size *(acres)*: 118.35 acres
Current Use: Sand and Gravel mine Zoning: Agriculture / Farming
Proposed Use: Sand and Gravel mine

VI. SIGNATURES
This application form must be signed by both the applicant and legal owner of the property. Attach additional pages if necessary.

By signing below, the applicant acknowledges that all information contained on this application form and within accompanying submittals are true and correct and agrees to pay all required fees associated with this application. The base fee is intended to cover the estimated minimum staff hours to process the application. Any additional staff hours will be assessed at $134 per hour. The applicant signing below is responsible for all additional hourly fees. Failure to pay fees may result in revocation of a permit/approval.

David S. Zehner
Applicant's Signature

David S. Zehner
Print/type name of applicant

By signing below, the property owner authorizes the applicant to petition Routt County for approval of the submitted application.

Edward L. Camilletti VP
Property Owner's Signature

Edward L. Camilletti
Print/type name of property owner

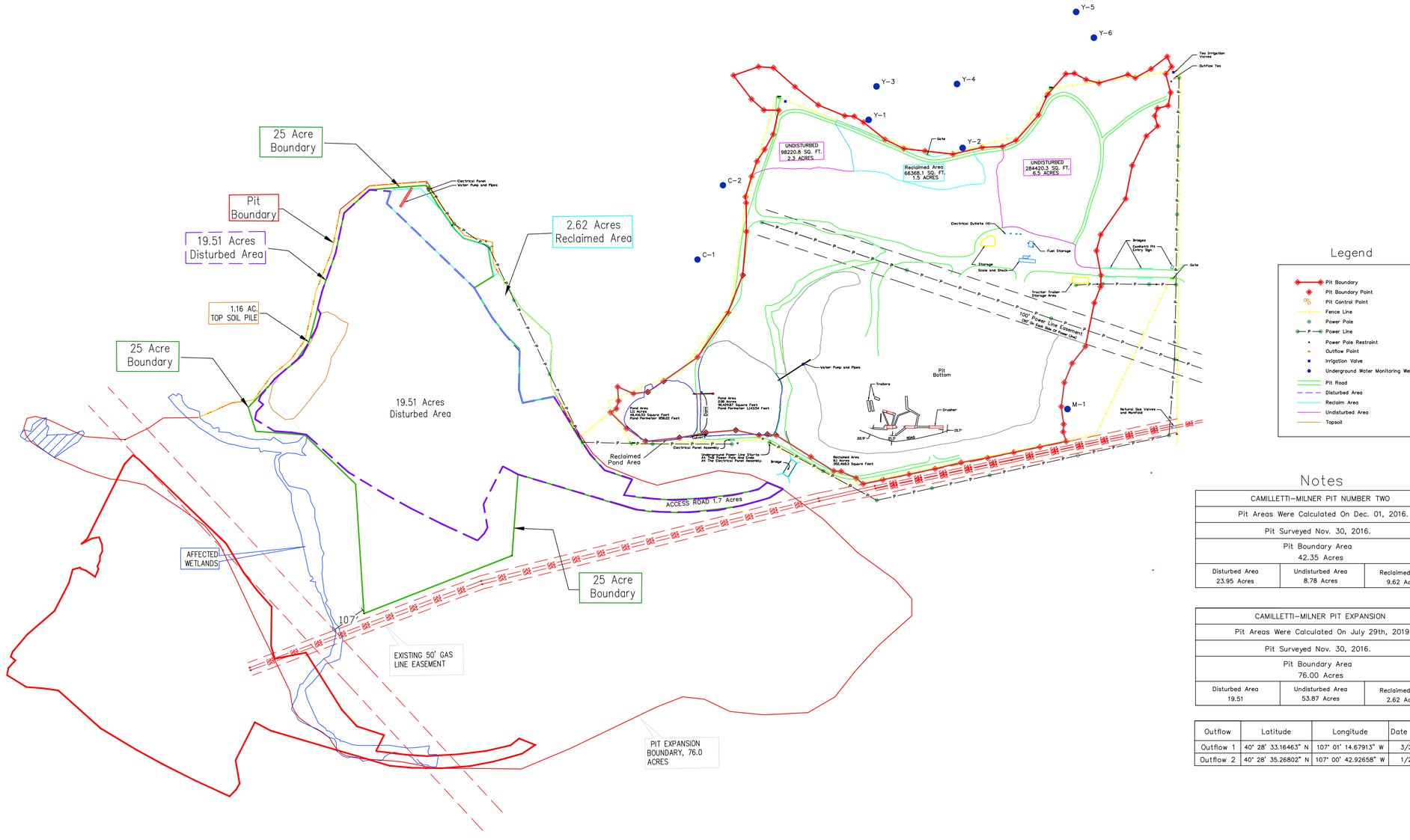
Google Maps

Imagery ©2019 Google, Imagery ©2019 Maxar Technologies, USDA Farm Service Agency, Map data ©2019 500 ft

Routt County SUP2009-006 Renewal

Vicinity Map

CAMILLETTI - MILNER PIT NUMBER TWO AMENDED
COUNTY OF ROUTT, STATE OF COLORADO



Legend

- Pit Boundary
- Pit Boundary Point
- Pit Control Point
- Fence Line
- Power Pole
- Power Line
- Power Pole Restraint
- Outflow Point
- Irrigation Valve
- Underground Water Monitoring Well
- Pit Road
- Disturbed Area
- Reclaim Area
- Undisturbed Area
- Topsoil

Notes

CAMILLETTI–MILNER PIT NUMBER TWO		
Pit Areas Were Calculated On Dec. 01, 2016.		
Pit Surveyed Nov. 30, 2016.		
Pit Boundary Area 42.35 Acres		
Disturbed Area 23.95 Acres	Undisturbed Area 8.78 Acres	Reclaimed Area 9.62 Acres

CAMILLETTI–MILNER PIT EXPANSION		
Pit Areas Were Calculated On July 29th, 2019.		
Pit Surveyed Nov. 30, 2016.		
Pit Boundary Area 76.00 Acres		
Disturbed Area 19.51	Undisturbed Area 53.87 Acres	Reclaimed Area 2.62 Acres

Outflow	Latitude	Longitude	Date Measured
Outflow 1	40° 28' 33.16463" N	107° 01' 14.67913" W	3/27/2007
Outflow 2	40° 28' 35.26802" N	107° 00' 42.92658" W	1/25/2007

PRECISION EXCAVATING, INC.

EMAIL: drehner@precisionexcavatinginc.com

REVISIONS:

F.W.12/10/14

E.F.B.MILNER PIT 2014

CAMILLETTI - MILNER PIT NUMBER TWO AMENDED
COUNTY OF ROUTT, STATE OF COLORADO

JOB: 197 DATE:7/29/19

DRAFTING: FPSE FIELD: SAY SHEET: 1 of 1

PRECISION
EXCAVATING, INC.
P.O. Box 790 • 1545 W. Jefferson Ave.
Hayden, Colorado 81639
(970) 276-3359 • (970) 276-3084 Fax
info@precisionexcavatinginc.com
An Equal Opportunity Employer

October 22, 2019

Camilletti Milner Pit #2

Precision Excavating, Inc. has been operating this gravel mine since 2001. Our current permit issued on December 22, 2009 is expiring and we are applying to renew the permit. We are not requesting any boundary expansion, but would request removal / adjustment of condition 17.

This gravel mine provides numerous aggregate products to the valley. Examples range from large asphalt paving projects at Y.V.R.A., concrete aggregates to local batch plants, gravels for public and private roads and small home owner drives and landscaping.

Hours of operation are 7:00 am to 7:00 pm Monday through Saturday. Hauling does not start until 7:30 am during school hours. We average 3 employees year round at this mine . They operate our crushing and washing equipment during the summer and mining equipment late fall/early winter.

Traffic is typically light on most days since the recession, and only increases noticeably in the event of larger projects, usually with durations of 1-2 months. Equipment at this site, in addition to crushing and washing equipment, are loaders, haul trucks and track excavators.

This operation has been a good neighbor in the area and has followed the permit conditions continually. We are in good standing, as well, with the Colorado Division of Reclamation Mining and Safety. An inspection report by the State is attached.

Precision Excavating Inc.

David L. Zehner

President

Cottonwood Tree and Riparian Vegetation
2019 Monitoring Report
Camilletti-Milner Pit #2

November 20, 2019

WESTERN BIONOMICS, INC.
Natural Resource Management Services
31040 Willow Lane Steamboat Springs, Colorado 80487
970-846-8223 • kscolfer@westernbionomics.com

Table of Contents

1. INTRODUCTION

Since 2001, Precision Excavating, Inc. (PEI) has operated the Camilletti Milner Pit # 2 (CMP #2) located just outside of Milner, in unincorporated Routt County, Colorado. In accordance with PEI's Routt County Special Use Permit (SUP) PP2005-078, the health of cottonwood stands and riparian shrubs is documented in this report. The Routt County Planning Department (RCPD) required the monitoring as a condition of approval due to the visual screening provided by riparian vegetation on the east and north sides of the facility.

2. METHODOLOGY

Western Bionomics conducted vegetation monitoring on September 13, 2019 to assess the health and vigor of cottonwood and willow stands that surround the site. Cottonwood trees and riparian shrubs were grouped into stands by position relative to the mine limits. The overall condition of each stand was assessed via a qualitative drive-through survey. Health and vigor was assessed at the stand-level based upon a qualitative assessment of percent dead crown, percent live leaves, crown ratio, crown diameter, presence or absence of chlorotic leaves, and bole appearance.

3. RESULTS

3.1 NARROWLEAF COTTONWOOD TREES

3.1.1 East Side Cottonwood Stand

PEI constructed a subsurface barrier wall between the East Stand and the gravel pit during winter 2006/2007. The intent of the barrier wall was to inhibit the migration of groundwater from the East Stand area to the pit and to help maintain groundwater elevations at historical levels with the goal of providing sufficient groundwater hydrology to maintain or improve the health and vigor of trees and shrubs in this stand. From 2006 through 2009, the status of trees in this stand remained constant with 22% of trees in good shape, attesting to the barrier's ability to maintain adequate subsurface water for these trees.

In 2010 the stand took on a different appearance in response to a severe wind event that blew down hundreds of cottonwoods in the Yampa Valley between Craig and Steamboat Springs. The Camilletti

Milner Pit did not escape damage from the winds, which blew down 28 trees in the East Stand. Most of the trees that blew over had been rated in previous exams as possessing good indicators of health and vigor. The blowdown was a function of the greater sail area (more leaves and branches) possessed by healthy trees. The small diameter of the stand contributed to the stand's inability to withstand the high winds. The drought of 2012 posed additional stress on the remaining stand.

The stand has since completely died off. Hundreds of cottonwood and willow seedlings and saplings are successfully regenerating at the location of the East Stand, providing recruitment that will eventually replace the stand. The canopies of these recruitment trees and shrubs already provide visual screening from CR 179. These regenerating trees and shrubs will ensure the survival of this stand well into the future.

3.1.2 North Side Cottonwood Stand

In late November 2007, PEI began constructing an additional subsurface groundwater barrier wall at the west side of the north pit boundary. The purpose of the barrier wall is the same as the wall located at the southeast pit boundary (i.e. to inhibit the migration of groundwater from the North Stand area to the pit and to help maintain groundwater elevations at historical levels). Construction of the barrier wall has progressed coincident with the extension of the mine area to the east.

The results of Western Bionomics' 2019 qualitative examination revealed that the overall health of the cottonwoods in the North Stand has remained consistent since 2015. Cottonwoods and willows in the north stand are regenerating in the understory. An estimated 200 volunteer willow seedlings and several dozen cottonwood seedlings were observed in the north stand during the 2019 survey.

3.1.3 West Side Cottonwood Stand

During the fall and winter of 2005/2006, PEI constructed a subsurface groundwater barrier wall between the West Stand and the gravel pit. The intent of the barrier wall was to inhibit the migration of groundwater from the West Stand area to the pit and to minimize potential groundwater elevation declines from pit dewatering operations. Monitoring conducted since construction of the barrier wall suggests that the condition of this stand has improved since its initial dieback in 2003. Monitoring conducted in 2019 demonstrated continued improvement in cottonwood health and vigor.

Based upon Western Bionomics' observations of surface water since 2007, the barrier wall appears to be functioning as intended. Standing water has been observed at low points throughout the cottonwood stand and flowing water has been observed in a swale that is located within the stand. Because of improved water retention in the West Stand area, natural regeneration continues to increase and survival of regenerated trees and shrubs is occurring from year to year.

3.2 RIPARIAN SHRUBS

Riparian shrubs on the property within 200 feet of the mine limits are distributed individually and in random groups and clumps. Geyer willow (*Salix geyeri*), planeleaf willow (*Salix planifolia*), sandbar willow (*Salix exigua*) red-osier dogwood (*Swida sericea*), hawthorn (*Crataegus rivularis*), white-stem gooseberry (*Ribes inerme*), and dusky willow (*Salix melanopsis*) are present in the shrub canopy in various proportions in each stand.

3.2.1 East Shrub Stand

The east shrub stand is sparsely stocked with Geyer, planeleaf, and dusky willow. Naturally occurring shrubs range from 6 feet to 15 feet in height and from 8 feet to 15 feet in width. Not including

transplanted willows, approximately 15% of the crown exhibits dead stems and branches and 100% of the foliage of native willows was alive. Chlorotic leaves were not observed. The characteristics exhibited by this stand have remained consistent since the onset of mining.

3.2.1.1 Transplants

PEI began transplanting willows in 2002. In 2004, upland trees and shrubs were planted along the eastern edge of the property as well. Three spruce trees were planted in 2004 and several lilac bushes were planted in 2005. Health and vigor of transplants has continued to improve since 2002. In 2012, a slight decline was observed, most likely due to the drought. Monitoring in 2018 suggests that shrub health and vigor apparent within this stand remains steady. In addition, natural regeneration has increased dramatically since 2006, as described in the following section. It is apparent that the plan to establish a vegetative screen for the east side of the mine is working, and can be expected to improve over time.

3.2.1.2 Volunteer Shrubs and Seedlings

Cottonwoods and willows are regenerating via apparent suckering and/or by seed adjacent to the east side cottonwood stand. Prior to 2007, naturally regenerating willows or cottonwoods were not observed. Abundant regeneration is now apparent, demonstrating that adequate hydrology is present in this area to foster natural regeneration.

3.2.2 Northeast Shrub Stand

Shrubs in the Northeast Stand include Geyer, planeleaf, and dusky willows, white-stem gooseberry, red-osier dogwood, and hawthorn. Height ranges from 2 foot tall recruitment shrubs to mature 15 foot clumps of all species. Some extremely old planeleaf willows that exhibit almost 6 inch diameter trunks at the root collar were observed. Shrub clumps vary from individual shrubs with 4 foot diameter crowns to large shrub clumps made up of several individuals (and various species) exhibiting 50 foot diameter crowns.

The northeast shrub stand exhibited approximately 10% dead crown. However, 100% of foliage was alive and chlorotic foliage was not observed. Overall vigor of the shrub stand has appeared stable and in good condition since 2002.

3.2.3 North Shrub Stand

Shrubs in the North Stand primarily include dusky willow and sandbar willow. Shrub height ranges from 4 feet to 15 feet. All shrubs are arranged in a single large clump located in a shallow abandoned overflow channel that trends east to west.

North Stand shrubs exhibited approximately 30% dead crown. However, 100% of remaining foliage was alive and chlorotic foliage was not observed. Based upon historical data, stand vigor was stable until a decrease of health in 2005. Since 2005, further decrease in vigor has not been observed and the stand appears stable and in good condition.

3.2.4 Northwest Shrub Stand

Northwest Stand shrubs include Geyer willow, planeleaf willow, sandbar willow, and cottonwood shrubs. Shrub clumps range in height from 2 feet to 20 feet and are generally associated with abandoned overflow channels. Approximately 15% of the crown was dead, while 100% of the foliage was alive. Chlorotic foliage was not observed. Since 2002, overall vigor of the stand has been stable and in excellent condition.

3.2.5 West Shrub Stand

A shrub die-off occurred concurrent with the cottonwood decline at this location. Approximately 10% of the willows in the West Stand survive. Since 2008, standing and flowing water has been observed each year at low points throughout the area. Natural regeneration in this area has been observed to be increasing from year to year.

4. SUMMARY

Since PEI began operating the CMP #2 in 2001, cottonwood tree and shrub stands have been monitored for health and vigor. The programs were in response to Routt County Planning Department concerns regarding visual screening of the pit provided by riparian vegetation. Dewater operations are routinely conducted at the pit. Therefore, potential adverse impacts to cottonwood tree stands from groundwater level drawdown had been a concern.

In order to inhibit the migration of groundwater from cottonwood stands to the pit and help maintain water elevations at historical seasonal levels, PEI constructed subsurface groundwater barrier walls. Walls were constructed in the following areas:

1) At the southeast corner of the facility adjacent to the East Stand,
2) At the west side of the pit adjacent to the West Stand.
3) At the northern pit boundary adjacent to the North Stand.

Standing water present in swales and other isolated depressions suggest that the barrier walls are helping to keep groundwater levels at historic or higher levels. In addition, improved natural regeneration in the East Stand and slowing of the downward trend in the West Stand cottonwoods suggests that trees and shrubs are responding to the increased availability of water following barrier wall installations.

In summary, the general health of trees and shrubs in the cottonwood stands is as follows.

- The overall health and vigor of cottonwood trees in the East Stand declined from the beginning of monitoring in 2002 through 2005. Starting in 2006 the stand demonstrated an upward trend until 2010 when a windstorm toppled 28 trees in the stand. Trees that survived the wind were poorer quality trees with less sail area. Most of these trees had succumbed to mortality by the time monitoring was conducted in 2019. Conversely, volunteer shrubs and cottonwood seedlings are abundant and in excellent condition in the east stand area. These new trees and shrubs are expected to continue development and should adequately replace the visual screen lost to the cottonwood blowdown and subsequent mortality.

- Based upon the relative difference between 2015 and 2019 visual examinations, overall health of the North Stand has remained stable.

- Since construction of the west groundwater barrier wall, the decline in health of the West Stand has slowed. Cottonwood health characteristics improved in 2006 and have remained stable to slightly increasing since that time.

Tree health and mortality trends at the Camilletti Milner Pit appear to significantly associate with factors such as age and precipitation trends, in addition to groundwater level drawdown from pit dewatering activities. Barring continued drought, the health and vigor in the West Stand is expected to continue to stabilize. Higher groundwater levels at the East, West, and North Stands, as a result of the barrier walls, should assist natural regeneration and reforestation efforts, as well as facilitate increased health and vigor of the cottonwood trees and shrubs.

5. RECOMMENDATIONS

The following recommendations should help manage cottonwood tree and shrub habitat and health.

- Continue to use discharge water from gravel pit operations to irrigate the north, east, and west cottonwood tree stands.

- Continue to plant cottonwood seedlings and saplings directly in constructed ditch banks and adjacent to natural swales where irrigation water will flow. Newly established cottonwood stands would be a benefit to the riparian ecosystem of the Yampa Valley, as young regenerating stands are currently not present at a frequency that is thought to have occurred historically. Establishing young cottonwoods would be a direct benefit to the Yampa Valley riparian ecosystem beyond that which would have existed in the absence of the CMP #2.

- Soil disturbances associated with transplanting at the east side of the pit and with irrigation ditch construction and salvage logging to the west have led to a substantial invasion of Canada thistle. Weed control should be continued aggressively with additional planting of desirable plant species in order to help reduce the influence and competitive advantage of thistles.

- Scarification treatment of topsoil could potentially enhance natural regeneration of cottonwood tress and shrubs in the West Stand. Scarification exposes mineral earth and fosters prolific cottonwood sprouting following seed fall in the early summer. However based upon the current thistle infestation, scarification would likely only prepare the seedbed and result in expansion of the thistle invasion. Thistles would have to be controlled before conducting scarification.

Western Bionomics Inc.
Natural Resource Management Services

31040 Willow Lane
Steamboat Springs, CO 80487
970-846-8223 • kscolfer@westernbionomics.com

November 21, 2019

Routt County Planning Department
ATTN: Chad Phillips, Planning Director
136 6th Street, Suite 200
Steamboat Springs, CO 80487

RE: Camilletti Milner Pit #2 Vegetation and Groundwater Monitoring

Dear Chad:

Since 2002, as a condition of the Pit's Routt County Special Use Permit (SUP), Western Bionomics has been monitoring the health and vigor of cottonwood and willow stands surrounding the Camilletti Milner Pit #2. Precision Excavating has similarly been monitoring groundwater levels surrounding the Pit, as another requirement of the Pit's SUP. The vegetation and groundwater monitoring was required by the SUP due to the County's desire that woody vegetation be maintained on the North and East of the Pit to provide a visual screen as viewed from the Community of Milner and from County Road 179. Dewater operations are routinely conducted at the pit; therefore, potential adverse impacts to cottonwood tree stands from groundwater level drawdown had been a concern during the permitting process.

As a summary of Western Bionomics' 17 year vegetation monitoring project, cottonwood and willow stands on the East and North of the Pit have retained their function as a vegetation screen. During this period Precision Excavating has demonstrated the ability to mine gravel while simultaneously preventing adverse groundwater impacts from damaging the health and vigor of tree and shrub stands adjacent to the Pit.

In 2006, Precision began installation of subterranean groundwater barrier walls around the active mining/processing cell that have since prevented groundwater drawdowns adjacent to the Pit. The results of their groundwater monitoring effort are demonstrated by their most recent groundwater monitoring data (see attachment), which indicates that groundwater levels have been maintained and perhaps even improved since Precision began constructing barrier walls.

The benefits of the barrier walls are also evident in the persistence of cottonwood and willow stands on the north and east of the Pit (see attached oblique aerial photograph). The east willow stand in particular exhibits healthy and vigorous growth each year. The over-mature north cottonwood stand, while exhibiting a decline in the health of over-mature trees between 2002 and 2015, has remained in a state of equilibrium since 2015 and retains its vegetative screening function. Regenerating seedlings as saplings are apparent in the understory of the North and East stands, and are expected to eventually develop as mature replacement trees that will continue to function as a vegetative screen.

The foregoing information has been well-documented in my yearly *Cottonwood Tree and Riparian Vegetation Monitoring Reports*. Overall, the healthy and vigorous status of woody vegetation to the East and North of the Pit, in combination with the information in their groundwater monitoring data, demonstrates that Precision's groundwater management is working and will continue to benefit woody vegetation surrounding the Pit.

Based on my years of monitoring the Pit, it is my professional opinion that Precision has maintained groundwater levels surrounding the Pit, which has fostered continued health and vigor of vegetation that provides a vegetative screen. Precision has demonstrated that they can conduct mining operations while simultaneously fostering healthy cottonwood and willow stands adjacent to the Pit.

I understand that Precision would like some relief from the cost and effort of producing these yearly monitoring reports. After the beneficial results documented in 17 years of monitoring, I am confident that Precision can continue to maintain woody vegetation for a screen, and I would be comfortable with relaxation of the County's requirement for yearly monitoring. If I can provide further information, please feel free to contact me directly.

Sincerely,
Western Bionomics Inc.

Kelly Colfer
Principal

Attachments: Groundwater Monitoring Data
Aerial Photograph

cc: David Zehner

CAMILLETTI MILNER PIT #2

OBLIQUE AERIAL PHOTOGRAPH
September 13, 2019

Western Bionomics Inc.
Natural Resource Management Services

31040 WILLOW LANE STEAMBOAT SPRINGS, CO 80487 970-846-8223

Date: 9-13-2019 Drawn: KSC

SHEET NO. 1 OF 1

REVISIONS

No.	Item	Date

Monthly Average Groundwater Elevation Comparisions
Camilletti Milner Pit #2
Precision Excavating, Inc.
2019

	Baseline Elevations (Ave.) Used for Draw-Down Comparisions								
Monitoring Well	Y-1	Y-2	Y-3	Y-4	Y-5	Y-6	M-1	C-1	C-2
TPVC	6494.40	6494.50	6495.80	6495.20	6496.20	6495.50	6495.60	6492.79	6493.73
Jan-02	6488.61	6488.07	6488.12	6489.25	6489.24	6489.39	6488.01	NM	NM
Feb-02	6488.86	6487.00	6488.13	6488.39	6489.60	6489.50	6488.00	NM	NM
Mar-02	6489.11	6487.04	6488.43	6488.45	6490.12	6489.46	6488.16	NM	NM
Apr-02	6488.93	6488.81	6488.40	6488.89	6489.91	6490.06	6488.78	NM	NM
May-02	6489.23	6488.59	6488.89	6489.26	6490.72	6490.69	6488.18	NM	NM
Jun-02	6488.89	6488.42	6488.54	6488.87	6490.37	6490.61	6488.00	NM	NM
Jul-02	6488.03	6487.21	6487.10	6487.31	6488.91	6488.98	6486.95	NM	NM
Aug-02	6487.35	6486.83	6486.90	6487.07	6488.51	6488.59	6486.77	NM	NM
Sep-02	6487.82	6487.07	6487.29	6487.45	6488.55	6488.53	6487.02	NM	NM
Oct-02	6487.81	6487.07	6487.26	6487.54	6488.74	6488.79	6482.16	NM	NM
Nov-02	6487.72	6487.05	6487.28	6487.56	6488.68	6488.75	6487.21	NM	NM
Dec-02	6487.48	6487.00	6487.10	6487.42	6488.73	6488.80	6487.05	NM	NM
Jan-04								6479.72	6483.41
Feb-04								6479.72	6484.01
Mar-04								6481.62	6486.18
Apr-04								6479.78	6485.62
May-03								6481.55	6486.24
Jun-03								6482.32	6487.02
Jul-03								6479.84	6484.66
Aug-03								6479.72	6483.68
Sep-03								6479.72	6483.64
Oct-03								6479.72	6483.68
Nov-03								6479.72	6483.70
Dec-03								6479.72	6483.34

Do NOT change the numbers in the red table. They are the baseline figures for computations below.

	Groundwater Elevations (Ave.) for Current Year								
Monitoring Well	Y-1	Y-2	Y-3	Y-4	Y-5	Y-6	M-1	C-1	C-2
Jan-19	NM	NM	NM	NM	NM	NM	NM	NM	NM
Feb-19	NM	NM	NM	NM	NM	NM	NM	NM	NM
Mar-19	6487.65	6486.45	6487.50	6487.50	6489.20	6489.50	6486.55	6482.90	6485.55
Apr-19	6,489.00	6,488.00	6,488.90	6,489.00	6,490.40	6,490.95	6488.40	6483.70	6487.15
May-19	6490.90	6490.60	6491.45	6491.75	6492.45	6492.00	6489.70	6484.85	6487.60
Jun-19	6,491.25	6,490.55	6,491.50	6,491.80	6,493.10	6,493.05	6490.55	6483.95	6488.30
Jul-19	6,488.95	6,488.40	6,489.45	6,489.55	6,491.05	6,492.15	6489.35	6482.65	6487.15
Aug-19	6,487.65	6,487.50	6,488.10	6,488.10	6,489.95	6,491.05	6488.25	6481.95	6485.80
Sep-19	6487.05	6486.60	6487.50	6487.45	6489.20	6490.30	6487.35	6481.50	6485.20
Oct-19									
Nov-19									
Dec-19									
Annual Average	6488.92	6488.30	6489.20	6489.31	6490.76	6491.29	6488.59	6483.07	6486.68

Input data for months that you checked the wells in the green table.

Notes:
1) C-1 and C-2 installed May 2003.
2) Elevation given in bold font is an estimate since monitoring well was dry during one or more water level monitoring events for the given month. Elevation of well bottom used as water elevation if well was dry.
3) NM = Not Measured
4) Water level data collected from top of polyvinyl chloride casing (TPVC).

Monthly Average Groundwater Elevation Comparisions
Camilletti Milner Pit #2
Precision Excavating, Inc.
2019

	Groundwater Comparision to Baseline Elevations								
	(Average Difference in Feet)								
Monitoring Well	Y-1	Y-2	Y-3	Y-4	Y-5	Y-6	M-1	C-1	C-2
Jan-19									
Feb-19									
Mar-19	-1.46	-0.59	-0.93	-0.95	-0.92	0.04	-1.61	1.28	-0.63
Apr-19	0.07	-0.81	0.50	0.11	0.49	0.89	-0.38	3.92	1.53
May-19	1.67	2.01	2.56	2.49	1.73	1.31	1.52	3.30	1.36
Jun-19	2.36	2.13	2.96	2.93	2.73	2.44	2.55	1.63	1.28
Jul-19	0.92	1.19	2.35	2.24	2.14	3.17	2.40	2.81	2.49
Aug-19	0.30	0.67	1.20	1.03	1.44	2.46	1.48	2.23	2.12
Sep-19	-0.77	-0.47	0.21	0.00	0.65	1.77	0.33	1.78	1.56
Oct-19									
Nov-19									
Dec-19									

Notes:
1) A negative number denotes a value below the established baseline.
2) A positive number denotes a value above the established baseline.
3) Variances of more than 1.5 feet less than baseline are not allowable.
4) Numbers in bold font exceed the negative 1.5 foot variance.
5) Groundwater barrier wall installed in M-1 vicinity during February 2007 through April 2007. Groundwater elevations rebounded to levels above the baseline in M-1 following curtain installation activities.
6) Y-7 located north of and adjacent to pit and several hundred feet south of cotton wood trees. Y-7 Removed.
7) Y-1 and Y-2 located located north of pit and along treeline and planned pit boundary.
8) Water levels in Y-1 through Y-4, Y-6 , Y-7, and M-1 appear to have been impacted by groundwater barrier wall constrcution activities that began in the vicinity during December 2007.

Groundwater Elevation Summary
Camilletti Milner Pit #2
Precision Excavating, Inc.
2019

	Well	Y-1		Y-2		Y-3		Y-4		Y-5		Y-6		M-1		C-1		C-2	
	Top of PVC	Elevation	Measured (ft)	Elevation	Measured (ft)	Elevation	Measured (ft)	Elevation	Measured (ft)	Elevation	Measured (ft)	Elevation	Measured (ft)	Elevation	Measured (ft)	Elevation	Measured (ft)	Elevation	Measured (ft)
Month	**Day**	**Year**	**6494.40**	**2.90**	**6494.50**	**1.40**	**6495.80**	**2.71**	**6495.20**	**1.98**	**6496.20**	**2.59**	**6495.50**	**1.22**	**6495.60**	**2.15**	**6492.80**	**2.85**	**6493.70**	**2.65**
January	7	2019	Snow		Snow		6486.80	9.0	Snow		Snow		Snow		Snow		Snow		Snow	
January	21	2019	Snow		Snow		6486.90	8.9	Snow		Snow		Snow		Snow		Snow		Snow	
February	4	2019	Snow		Snow		6487.15	8.7	Snow		Snow		Snow		Snow		Snow		Snow	
February	18	2019	Snow		Snow		6487.30	8.5	Snow		Snow		Snow		Snow		Snow		Snow	
March	4	2019	6487.60	6.8	6486.40	8.1	6487.40	8.4	6487.50	7.7	6489.20	7.0	6489.50	6.0	6486.60	9.0	6483.00	9.8	6485.50	8.2
March	18	2019	6487.70	6.7	6486.50	8.0	6487.60	8.2	6487.50	7.7	6489.20	7.0	6489.50	6.0	6486.50	9.1	6482.80	10.0	6485.60	8.1
April	1	2019	6488.90	5.5	6487.80	6.7	6488.60	7.2	6489.00	6.2	6490.10	6.1	6490.80	4.7	6488.20	7.4	6483.60	9.2	6486.80	6.9
April	22	2019	6489.10	5.3	6488.20	6.3	6489.20	6.6	6489.60	5.6	6490.70	5.5	6491.10	4.4	6488.60	7.0	6483.80	9.0	6487.50	6.2
May	7	2019	6490.80	3.6	6490.30	4.2	6490.90	4.9	6491.10	4.1	6492.30	3.9	6492.00	3.5	6489.40	6.2	6484.90	7.9	6487.50	6.2
May	20	2019	6491.00	3.4	6490.50	4.0	6491.10	4.7	6491.40	3.8	6492.60	3.6	6492.60	2.9	6490.00	5.6	6484.80	8.0	6487.70	6.0
June	3	2019	6491.40	3.0	6490.70	3.8	6491.80	4.0	6492.10	3.1	6493.20	3.0	6493.00	2.5	6490.60	5.0	6484.10	8.7	6488.30	5.4
June	17	2019	6490.90	3.5	6490.40	4.1	6491.20	4.6	6491.50	3.7	6493.00	3.2	6493.10	2.4	6490.50	5.1	6483.80	9.0	6488.30	5.4
July	1	2019	6489.30	5.1	6488.60	5.9	6489.90	5.9	6489.90	5.3	6491.30	4.9	6492.50	3.0	6489.60	6.0	6482.90	9.9	6487.60	6.1
July	16	2019	6488.60	5.8	6488.20	6.3	6489.00	6.8	6489.20	6.0	6490.80	5.4	6491.80	3.7	6489.10	6.5	6482.40	10.4	6486.70	7.0
August	12	2019	6487.90	6.5	6487.60	6.9	6488.40	7.4	6488.40	6.8	6490.20	6.0	6491.30	4.2	6488.60	7.0	6482.10	10.7	6486.00	7.7
August	26	2019	6487.40	7.0	6487.40	7.1	6487.80	8.0	6487.80	7.4	6489.70	6.5	6490.80	4.7	6487.90	7.7	6481.80	11.0	6485.60	8.1
September	9	2019	6487.20	7.2	6486.70	7.8	6487.70	8.1	6487.60	7.6	6489.30	6.9	6490.50	5.0	6487.60	8.0	6481.70	11.1	6485.30	8.4
September	23	2019	6486.90	7.5	6486.50	8.0	6487.30	8.5	6487.30	7.9	6489.10	7.1	6490.10	5.4	6487.10	8.5	6481.30	11.5	6485.10	8.6
October		2019	Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow	
October		2019	Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow	
November		2019	Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow	
November		2019	Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow	
December		2019	Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow	
December		2019	Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow	

2018 Monthly Average Groundwater Elevation Comparisions
Camilletti Milner Pit #2
Precision Excavating, Inc.

	Baseline Elevations (Ave.) Used for Draw-Down Comparisions								
Monitoring Well	Y-1	Y-2	Y-3	Y-4	Y-5	Y-6	M-1	C-1	C-2
TPVC	6494.40	6494.50	6495.80	6495.20	6496.20	6495.50	6495.60	6492.79	6493.73
Jan-02	6488.61	6488.07	6488.12	6489.25	6489.24	6489.39	6488.01	NM	NM
Feb-02	6488.86	6487.00	6488.13	6488.39	6489.60	6489.50	6488.00	NM	NM
Mar-02	6489.11	6487.04	6488.43	6488.45	6490.12	6489.46	6488.16	NM	NM
Apr-02	6488.93	6488.81	6488.40	6488.89	6489.91	6490.06	6488.78	NM	NM
May-02	6489.23	6488.59	6488.89	6489.26	6490.72	6490.69	6488.18	NM	NM
Jun-02	6488.89	6488.42	6488.54	6488.87	6490.37	6490.61	6488.00	NM	NM
Jul-02	6488.03	6487.21	6487.10	6487.31	6488.91	6488.98	6486.95	NM	NM
Aug-02	6487.35	6486.83	6486.90	6487.07	6488.51	6488.59	6486.77	NM	NM
Sep-02	6487.82	6487.07	6487.29	6487.45	6488.55	6488.53	6487.02	NM	NM
Oct-02	6487.81	6487.07	6487.26	6487.54	6488.74	6488.79	6482.16	NM	NM
Nov-02	6487.72	6487.05	6487.28	6487.56	6488.68	6488.75	6487.21	NM	NM
Dec-02	6487.48	6487.00	6487.10	6487.42	6488.73	6488.80	6487.05	NM	NM
Jan-04								6479.72	6483.41
Feb-04								6479.72	6484.01
Mar-04								6481.62	6486.18
Apr-04								6479.78	6485.62
May-03								6481.55	6486.24
Jun-03								6482.32	6487.02
Jul-03								6479.84	6484.66
Aug-03								6479.72	6483.68
Sep-03								6479.72	6483.64
Oct-03								6479.72	6483.68
Nov-03								6479.72	6483.70
Dec-03								6479.72	6483.34

Do NOT change the numbers in the red table. They are the baseline figures for computations below.

	Groundwater Elevations (Ave.) for Current Year								
Monitoring Well	Y-1	Y-2	Y-3	Y-4	Y-5	Y-6	M-1	C-1	C-2
Jan-18	NM	NM	NM	NM	NM	NM	NM	NM	NM
Feb-18	NM	NM	NM	NM	NM	NM	NM	NM	NM
Mar-18	6488.90	6487.45	6488.95	6488.15	6490.05	6489.45	6488.35	6481.65	6486.75
Apr-18	6,488.30	6,488.25	6,488.85	6,488.35	6,489.70	6,490.00	6489.00	6479.75	6485.90
May-18	6489.45	6488.90	6489.05	6489.45	6490.60	6490.30	6489.00	6481.85	6486.70
Jun-18	6,488.40	6,488.40	6,488.85	6,488.85	6,490.80	6,490.35	6488.40	6482.40	6487.25
Jul-18	6,488.05	6,487.80	6,488.05	6,487.80	6,489.00	6,488.55	6486.95	6480.60	6484.65
Aug-18	6,487.75	6,486.50	6,486.70	6,487.25	6,488.40	6,488.30	6486.75	6479.95	6483.70
Sep-18	6487.80	6487.95	6487.45	6487.35	6488.40	6488.20	6487.10	6479.70	6483.65
Oct-18	6487.70	6487.00	6488.05	6487.80	6488.85	6489.90	6483.15	6480.10	6484.25
Nov-18	6487.40	6486.85	6487.75	6487.85	6489.15	6489.40	6486.10	6479.65	6483.35
Dec-18	NM	NM	NM	NM	NM	NM	NM	NM	NM
Annual Average	6488.19	6487.68	6488.19	6488.09	6489.44	6489.38	6487.20	6480.63	6485.13

Input data for months that you checked the wells in the green table.

Notes:
1) C-1 and C-2 installed May 2003.
2) Elevation given in bold font is an estimate since monitoring well was dry during one or more water level monitoring events for the given month. Elevation of well bottom used as water elevation if well was dry.
3) NM = Not Measured
4) Water level data collected from top of polyvinyl chloride casing (TPVC).

2018 Monthly Average Groundwater Elevation Comparisions
Camilletti Milner Pit #2
Precision Excavating, Inc.

	Groundwater Comparision to Baseline Elevations								
	(Difference in Feet - Ave.)								
Monitoring Well	Y-1	Y-2	Y-3	Y-4	Y-5	Y-6	M-1	C-1	C-2
Jan-18									
Feb-18									
Mar-18	-0.21	0.41	0.52	-0.30	-0.07	-0.01	0.19	0.03	0.57
Apr-18	-0.63	-0.56	0.45	-0.54	-0.21	-0.06	0.22	-0.03	0.28
May-18	0.22	0.31	0.16	0.19	-0.12	-0.39	0.82	0.30	0.46
Jun-18	-0.49	-0.02	0.31	-0.02	0.43	-0.26	0.40	0.08	0.23
Jul-18	0.02	0.59	0.95	0.49	0.09	-0.43	0.00	0.76	-0.01
Aug-18	0.40	-0.33	-0.20	0.18	-0.11	-0.29	-0.02	0.23	0.02
Sep-18	-0.02	0.88	0.16	-0.10	-0.15	-0.33	0.08	-0.02	0.01
Oct-18	-0.11	-0.07	0.79	0.26	0.11	1.11	0.99	0.38	0.57
Nov-18	-0.32	-0.20	0.47	0.29	0.47	0.65	-1.11	-0.07	-0.35
Dec-18									

Notes:
1) A negative number denotes a value below the established baseline.
2) A positive number denotes a value above the established baseline.
3) Variances of more than 1.5 feet less than baseline are not allowable.
4) Numbers in bold font exceed the negative 1.5 foot variance.
5) Groundwater barrier wall installed in M-1 vicinity during February 2007 through April 2007. Groundwater elevations rebounded to levels above the baseline in M-1 following curtain installation activities.
6) Y-7 located north of and adjacent to pit and several hundred feet south of cotton wood trees. Y-7 Removed.
7) Y-1 and Y-2 located located north of pit and along treeline and planned pit boundary.
8) Water levels in Y-1 through Y-4, Y-6 , Y-7, and M-1 appear to have been impacted by groundwater barrier wall constrcution activities that began in the vicinity during December 2007 and currently continue.

Groundwater Elevation Summary
Camilletti Milner Pit #2
Precision Excavating, Inc.
2018

	Well		Y-1		Y-2		Y-3		Y-4		Y-5		Y-6		M-1		C-1		C-2	
	Top of PVC		Elevation	Measured (ft)	Elevation	Measured (ft)	Elevation	Measured (ft)	Elevation	Measured (ft)	Elevation	Measured (ft)	Elevation	Measured (ft)	Elevation	Measured (ft)	Elevation	Measured (ft)	Elevation	Measured (ft)
Month	**Day**	**Year**	**6494.40**	**2.90**	**6494.50**	**1.40**	**6495.80**	**2.71**	**6495.20**	**1.98**	**6496.20**	**2.59**	**6495.50**	**1.22**	**6495.60**	**2.15**	**6492.80**	**2.85**	**6493.70**	**2.65**
January	8	2018	Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow	
January	22	2018	Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow	
February	5	2018	Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow	
February	19	2018	Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow	
March	5	2018	6489.00	5.4	6487.50	7.0	6489.10	6.7	6488.20	7.0	6490.00	6.2	6489.40	6.1	6488.30	7.3	6481.50	11.3	6486.70	7.0
March	19	2018	6488.80	5.6	6487.40	7.1	6488.80	7.0	6488.10	7.1	6490.10	6.1	6489.50	6.0	6488.40	7.2	6481.80	11.0	6486.80	6.9
April	2	2018	6488.20	6.2	6488.00	6.5	6488.90	6.9	6488.30	6.9	6489.60	6.6	6490.10	5.4	6488.80	6.8	6479.70	13.1	6486.00	7.7
April	16	2018	6488.40	6.0	6488.50	6.0	6488.80	7.0	6488.40	6.8	6489.80	6.4	6489.90	5.6	6489.20	6.4	6479.80	13.0	6485.80	7.9
May	1	2018	6489.60	4.8	6489.00	5.5	6489.00	6.8	6489.20	6.0	6490.20	6.0	6490.20	5.3	6489.20	6.4	6480.90	11.9	6486.60	7.1
May	14	2018	6489.30	5.1	6488.80	5.7	6489.10	6.7	6489.70	5.5	6491.00	5.2	6490.40	5.1	6488.80	6.8	6482.80	10.0	6486.80	6.9
June	4	2018	6488.50	5.9	6488.50	6.0	6488.90	6.9	6489.10	6.1	6490.90	5.3	6490.40	5.1	6488.60	7.0	6482.60	10.2	6487.50	6.2
June	25	2018	6488.30	6.1	6488.30	6.2	6488.80	7.0	6488.60	6.6	6490.70	5.5	6490.30	5.2	6488.20	7.4	6482.20	10.6	6487.00	6.7
July	9	2018	6488.10	6.3	6487.80	6.7	6488.30	7.5	6488.10	7.1	6489.40	6.8	6488.70	6.8	6487.00	8.6	6480.80	12.0	6484.70	9.0
July	23	2018	6488.00	6.4	6487.80	6.7	6487.80	8.0	6487.50	7.7	6488.60	7.6	6488.40	7.1	6486.90	8.7	6480.40	12.4	6484.60	9.1
August	13	2018	6487.80	6.6	6486.60	7.9	6486.80	9.0	6487.30	7.9	6488.50	7.7	6488.40	7.1	6486.80	8.8	6480.00	12.8	6483.90	9.8
August	27	2018	6487.70	6.7	6486.40	8.1	6486.60	9.2	6487.20	8.0	6488.30	7.9	6488.20	7.3	6486.70	8.9	6479.90	12.9	6483.50	10.2
September	10	2018	6488.00	6.4	6487.80	6.7	6487.10	8.7	6487.30	7.9	6488.40	7.8	6488.20	7.3	6487.00	8.6	6479.70	13.1	6483.60	10.1
September	24	2018	6487.60	6.8	6488.10	6.4	6487.80	8.0	6487.40	7.8	6488.40	7.8	6488.20	7.3	6487.20	8.4	6479.70	13.1	6483.70	10.0
October	8	2018	6487.70	6.7	6487.00	7.5	6488.00	7.8	6487.60	7.6	6488.60	7.6	6490.30	5.2	6483.30	12.3	6480.00	12.8	6484.40	9.3
October	22	2018	6487.70	6.7	6487.00	7.5	6488.10	7.7	6488.00	7.2	6489.10	7.1	6489.50	6.0	6483.00	12.6	6480.20	12.6	6484.10	9.6
November	5	2018	6487.60	6.8	6486.90	7.6	6487.90	7.9	6487.90	7.3	6489.20	7.0	6489.40	6.1	6486.20	9.4	6479.90	12.9	6483.90	9.8
November	19	2018	6487.20	7.2	6486.80	7.7	6487.60	8.2	6487.80	7.4	6489.10	7.1	6489.40	6.1	6486.00	9.6	6479.40	13.4	6482.80	10.9
December	3	2018	Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow	
December	17	2018	Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow	

2017 Monthly Average Groundwater Elevation Comparisions
Camilletti Milner Pit #2
Precision Excavating, Inc.

	Baseline Elevations (Ave.) Used for Draw-Down Comparisions									
Monitoring Well	Y-1	Y-2	Y-3	Y-4	Y-5	Y-6	Y-7	M-1	C-1	C-2
TPVC	6494.40	6494.50	6495.80	6495.20	6496.20	6495.50	6493.80	6495.60	6492.79	6493.73
Jan-02	6488.61	6488.07	6488.12	6489.25	6489.24	6489.39	6489.23	6488.01	NM	NM
Feb-02	6488.86	6487.00	6488.13	6488.39	6489.60	6489.50	6486.30	6488.00	NM	NM
Mar-02	6489.11	6487.04	6488.43	6488.45	6490.12	6489.46	6486.35	6488.16	NM	NM
Apr-02	6488.93	6488.81	6488.40	6488.89	6489.91	6490.06	6489.67	6488.78	NM	NM
May-02	6489.23	6488.59	6488.89	6489.26	6490.72	6490.69	6489.62	6488.18	NM	NM
Jun-02	6488.89	6488.42	6488.54	6488.87	6490.37	6490.61	6489.53	6488.00	NM	NM
Jul-02	6488.03	6487.21	6487.10	6487.31	6488.91	6488.98	6489.05	6486.95	NM	NM
Aug-02	6487.35	6486.83	6486.90	6487.07	6488.51	6488.59	6488.30	6486.77	NM	NM
Sep-02	6487.82	6487.07	6487.29	6487.45	6488.55	6488.53	6487.88	6487.02	NM	NM
Oct-02	6487.81	6487.07	6487.26	6487.54	6488.74	6488.79	6487.75	6482.16	NM	NM
Nov-02	6487.72	6487.05	6487.28	6487.56	6488.68	6488.75	6487.70	6487.21	NM	NM
Dec-02	6487.48	6487.00	6487.10	6487.42	6488.73	6488.80	6487.57	6487.05	NM	NM
Jan-04									6479.72	6483.41
Feb-04									6479.72	6484.01
Mar-04									6481.62	6486.18
Apr-04									6479.78	6485.62
May-03									6481.55	6486.24
Jun-03									6482.32	6487.02
Jul-03									6479.84	6484.66
Aug-03									6479.72	6483.68
Sep-03									6479.72	6483.64
Oct-03									6479.72	6483.68
Nov-03									6479.72	6483.70
Dec-03									6479.72	6483.34

Do NOT change the numbers in the red table. They are the baseline figures for computations below.

	Groundwater Elevations (Ave.) for Current Year								
Monitoring Well	Y-1	Y-2	Y-3	Y-4	Y-5	Y-6	M-1	C-1	C-2
Jan-17	NM	NM	NM	NM	NM	NM	NM	NM	NM
Feb-17	NM	NM	NM	NM	NM	NM	NM	NM	NM
Mar-17	6488.80	6488.30	6489.30	6489.80	6490.90	6490.25	6489.30	6482.80	6486.20
Apr-17	6490.35	6489.60	6490.18	6490.63	6491.58	6491.60	6490.15	6481.30	6487.35
May-17	6490.60	6490.48	6490.88	6491.23	6492.50	6492.50	6490.05	6483.40	6487.78
Jun-17	6489.75	6489.55	6490.10	6490.15	6491.50	6491.65	6489.10	6483.50	6488.20
Jul-17	6487.75	6487.85	6488.10	6488.15	6489.50	6489.80	6488.00	6481.35	6485.70
Aug-17	6487.25	6487.15	6487.60	6487.55	6488.95	6489.20	6486.70	6481.00	6484.20
Sep-17	6487.68	6486.95	6487.95	6487.85	6489.00	6489.15	6486.35	6479.70	6483.50
Oct-17	6487.95	6487.00	6488.13	6488.05	6489.15	6489.50	6483.00	6480.20	6484.25
Nov-17	6487.53	6486.80	6487.70	6487.80	6489.20	6489.45	6485.90	6479.50	6482.70
Dec-17	6487.18	6486.45	6487.45	6487.58	6489.15	6489.33	6485.60	6479.20	6483.00
Annual Average	6488.48	6488.01	6488.74	6488.88	6490.14	6490.24	6487.42	6481.20	6485.29

Input data for months that you checked the wells in the green table.

Notes:
1) C-1 and C-2 installed May 2003.
2) Elevation given in bold font is an estimate since monitoring well was dry during one or more water level monitoring events for the given month. Elevation of well bottom used as water elevation if well was dry.
3) NM = Not Measured
4) Water level data collected from top of polyvinyl chloride casing (TPVC).

2017 Monthly Average Groundwater Elevation Comparisions
Camilletti Milner Pit #2
Precision Excavating, Inc.

	Groundwater Comparision to Baseline Elevations								
	(Difference in Feet - Ave.)								
Monitoring Well	Y-1	Y-2	Y-3	Y-4	Y-5	Y-6	M-1	C-1	C-2
Jan-17									
Feb-17									
Mar-17	-0.31	1.26	0.87	1.35	0.78	0.79	1.14	1.18	0.02
Apr-17	1.42	0.79	1.78	1.73	1.66	1.54	1.37	1.52	1.73
May-17	1.37	1.89	1.98	1.97	1.78	1.81	1.87	1.85	1.53
Jun-17	0.86	1.13	1.56	1.28	1.13	1.04	1.10	1.18	1.18
Jul-17	-0.28	0.64	1.00	0.84	0.59	0.82	1.05	1.51	1.04
Aug-17	-0.10	0.32	0.70	0.48	0.44	0.61	-0.07	1.28	0.52
Sep-17	-0.15	-0.12	0.66	0.40	0.45	0.62	-0.67	-0.02	-0.14
Oct-17	0.14	-0.07	0.86	0.51	0.41	0.71	0.84	0.48	0.57
Nov-17	-0.20	-0.25	0.42	0.24	0.52	0.70	-1.31	-0.22	-1.00
Dec-17	-0.31	-0.55	0.35	0.15	0.42	0.53	-1.45	-0.52	-0.34

Notes:

1) A negative number denotes a value below the established baseline.
2) A positive number denotes a value above the established baseline.
3) Variances of more than 1.5 feet less than baseline are not allowable.
4) Numbers in bold font exceed the negative 1.5 foot variance.
5) Groundwater barrier wall installed in M-1 vicinity during February 2007 through April 2007. Groundwater elevations rebounded to levels above the baseline in M-1 following curtain installation activities.
6) Y-7 located north of and adjacent to pit and several hundred feet south of cotton wood trees. Y-7 Removed.
7) Y-1 and Y-2 located located north of pit and along treeline and planned pit boundary.
8) Water levels in Y-1 through Y-4, Y-6 , Y-7, and M-1 appear to have been impacted by groundwater barrier wall constrcution activities that began in the vicinity during December 2007 and currently continue.

Groundwater Elevation Summary
Camilletti Milner Pit #2
Precision Excavating, Inc.
2017

Well	Y-1		Y-2		Y-3		Y-4		Y-5		Y-6		M-1		C-1		C-2	
	Elevation	**Measured (ft)**	**Elevation**	**Measured (ft)**	**Elevation**	**Measured (ft)**	**Elevation**	**Measured (ft)**	**Elevation**	**Measured (ft)**	**Elevation**	**Measured (ft)**	**Elevation**	**Measured (ft)**	**Elevation**	**Measured (ft)**	**Elevation**	**Measured (ft)**
Top of PVC	**6494.40**	**2.90**	**6494.50**	**1.40**	**6495.80**	**2.71**	**6495.20**	**1.98**	**6496.20**	**2.59**	**6495.50**	**1.22**	**6495.60**	**2.15**	**6492.80**	**2.85**	**6493.70**	**2.65**
1/16/2017	Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow	
1/30/2017	Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow	
2/13/2017	Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow	
2/20/2017	Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow	
3/6/2017	6488.80	5.60	6488.30	6.20	6489.30	6.50	6489.80	5.40	6490.90	5.30	6490.25	5.25	6489.30	6.30	6482.60	10.20	6486.30	7.40
3/20/2017	6488.90	5.50	6488.40	6.10	6489.40	6.40	6489.90	5.30	6490.95	5.25	6490.30	5.20	6489.40	6.20	6483.00	9.80	6486.10	7.60
4/10/2017	6490.40	4.00	6489.20	5.30	6490.05	5.75	6490.45	4.75	6491.40	4.80	6491.00	4.50	6490.50	5.10	6481.80	11.00	6487.40	6.30
4/25/2017	6490.30	4.10	6490.00	4.50	6490.30	5.50	6490.80	4.40	6491.75	4.45	6492.20	3.30	6489.80	5.80	6480.80	12.00	6487.30	6.40
5/8/2017	6490.00	4.40	6489.85	4.65	6490.30	5.50	6490.55	4.65	6491.80	4.40	6492.10	3.40	6489.90	5.70	6483.40	9.40	6487.25	6.45
5/23/2017	6491.20	3.20	6491.10	3.40	6491.45	4.35	6491.90	3.30	6493.20	3.00	6492.90	2.60	6490.20	5.40	6483.60	9.20	6488.30	5.40
6/6/2017	6490.30	4.10	6490.10	4.40	6490.40	5.40	6490.80	4.40	6492.10	4.10	6492.10	3.40	6489.40	6.20	6481.30	11.50	6485.10	8.60
6/20/2017	6489.20	5.20	6489.00	5.50	6489.80	6.00	6489.50	5.70	6490.90	5.30	6491.20	4.30	6488.80	6.80	6481.40	11.40	6486.30	7.40
7/10/2017	6488.40	6.00	6488.10	6.40	6488.40	7.40	6488.60	6.60	6489.90	6.30	6490.30	5.20	6488.60	7.00	6487.05	5.75	6486.20	7.50
7/24/2017	6487.10	7.30	6487.60	6.90	6487.80	8.00	6487.70	7.50	6489.10	7.10	6489.30	6.20	6487.40	8.20	6486.70	6.10	6487.50	6.20
8/8/2017	6487.20	7.20	6487.25	7.25	6487.70	8.10	6487.65	7.55	6489.00	7.20	6489.25	6.25	6486.80	8.80	6481.10	11.70	6484.45	9.25
8/22/2017	6487.30	7.10	6487.05	7.45	6487.50	8.30	6487.45	7.75	6488.90	7.30	6489.15	6.35	6486.60	9.00	6480.80	12.00	6483.95	9.75
9/5/2017	6487.65	6.75	6487.00	7.50	6487.80	8.00	6487.60	7.60	6488.90	7.30	6489.10	6.40	6486.40	9.20	6480.05	12.75	6483.90	9.80
9/18/2017	6487.70	6.70	6486.90	7.60	6488.10	7.70	6488.10	7.10	6489.10	7.10	6489.20	6.30	6486.30	9.30	6479.40	13.40	6483.20	10.50
10/2/2017	6487.90	6.50	6487.00	7.50	6488.05	7.75	6488.00	7.20	6489.00	7.20	6489.40	6.10	6483.20	12.40	6480.30	12.50	6484.40	9.30
10/16/2017	6488.00	6.40	6487.00	7.50	6488.20	7.60	6488.10	7.10	6489.30	6.90	6489.60	5.90	6482.90	12.70	6480.10	12.70	6484.10	9.60
11/13/2017	6487.90	6.50	6486.90	7.60	6488.00	7.80	6487.90	7.30	6489.20	7.00	6489.50	6.00	6486.30	9.30	6479.80	13.00	6483.20	10.50
11/27/2017	6487.15	7.25	6486.70	7.80	6487.40	8.40	6487.70	7.50	6489.20	7.00	6489.40	6.10	6485.40	10.20	6479.20	13.60	6482.20	11.50
12/11/2017	6487.15	7.25	6486.50	8.00	6487.40	8.40	6487.45	7.75	6489.10	7.10	6489.35	6.15	6485.70	9.90	6479.20	13.60	6482.90	10.80
12/27/2017	6487.20	7.20	6486.40	8.10	6487.50	8.30	6487.70	7.50	6489.20	7.00	6489.30	6.20	6485.40	10.20	6479.10	13.70	6483.00	10.70

2016 Monthly Average Groundwater Elevation Comparisions

Camilletti Milner Pit #2

Precision Excavating, Inc.

	Baseline Elevations (Ave.) Used for Draw-Down Comparisions									
Monitoring Well	Y-1	Y-2	Y-3	Y-4	Y-5	Y-6	Y-7	M-1	C-1	C-2
TPVC	6494.40	6494.50	6495.80	6495.20	6496.20	6495.50	6493.80	6495.60	6492.79	6493.73
Jan-02	6488.61	6488.07	6488.12	6489.25	6489.24	6489.39	6489.23	6488.01	NM	NM
Feb-02	6488.86	6487.00	6488.13	6488.39	6489.60	6489.50	6486.30	6488.00	NM	NM
Mar-02	6489.11	6487.04	6488.43	6488.45	6490.12	6489.46	6486.35	6488.16	NM	NM
Apr-02	6488.93	6488.81	6488.40	6488.89	6489.91	6490.06	6489.67	6488.78	NM	NM
May-02	6489.23	6488.59	6488.89	6489.26	6490.72	6490.69	6489.62	6488.18	NM	NM
Jun-02	6488.89	6488.42	6488.54	6488.87	6490.37	6490.61	6489.53	6488.00	NM	NM
Jul-02	6488.03	6487.21	6487.10	6487.31	6488.91	6488.98	6489.05	6486.95	NM	NM
Aug-02	6487.35	6486.83	6486.90	6487.07	6488.51	6488.59	6488.30	6486.77	NM	NM
Sep-02	6487.82	6487.07	6487.29	6487.45	6488.55	6488.53	6487.88	6487.02	NM	NM
Oct-02	6487.81	6487.07	6487.26	6487.54	6488.74	6488.79	6487.75	6482.16	NM	NM
Nov-02	6487.72	6487.05	6487.28	6487.56	6488.68	6488.75	6487.70	6487.21	NM	NM
Dec-02	6487.48	6487.00	6487.10	6487.42	6488.73	6488.80	6487.57	6487.05	NM	NM
Jan-04									6479.72	6483.41
Feb-04									6479.72	6484.01
Mar-04									6481.62	6486.18
Apr-04									6479.78	6485.62
May-03									6481.55	6486.24
Jun-03									6482.32	6487.02
Jul-03									6479.84	6484.66
Aug-03									6479.72	6483.68
Sep-03									6479.72	6483.64
Oct-03									6479.72	6483.68
Nov-03									6479.72	6483.70
Dec-03									6479.72	6483.34

Do NOT change the numbers in the red table. They are the baseline figures for computations below.

	Groundwater Elevations (Ave.) for Current Year								
Monitoring Well	Y-1	Y-2	Y-3	Y-4	Y-5	Y-6	M-1	C-1	C-2
Jan-16	NM	NM	NM	NM	NM	NM	NM	NM	NM
Feb-16	NM	NM	NM	NM	NM	NM	NM	NM	NM
Mar-16	6,488.70	6,488.25	6,489.20	6,489.70	6,490.80	6,490.20	6,488.80	6,482.30	6486.50
Apr-16	6,490.18	6,490.18	6,490.00	6,490.68	6,491.63	6,492.08	6,490.30	6,481.50	6486.85
May-16	6,490.68	6,490.33	6,490.90	6,491.25	6,492.60	6,492.60	6,489.95	6,483.30	6488.13
Jun-16	6,489.70	6,489.53	6,489.73	6,490.08	6,491.45	6,491.58	6,489.03	6,483.60	6488.18
Jul-16	6,487.58	6,487.58	6,487.98	6,488.13	6,489.55	6,489.78	6,487.40	6,480.50	6485.30
Aug-16	6,487.55	6,487.10	6,487.58	6,487.60	6,489.05	6,489.25	6,487.75	6,480.50	6484.50
Sep-16	6,487.85	6,486.80	6,487.78	6,487.80	6,488.98	6,489.10	6,487.00	6,480.00	6484.00
Oct-16	6,488.28	6,487.03	6,488.10	6,488.33	6,489.40	6,489.53	6,483.10	6,480.55	6484.20
Nov-16	6,487.55	6,486.78	6,487.65	6,487.88	6,489.35	6,489.55	6,487.10	6,480.00	6483.60
Dec-16	6,487.20	6,486.55	6,487.40	6,487.65	6,489.20	6,489.40	6,487.00	6,480.00	6484.00
Annual Average	6488.53	6488.01	6488.63	6488.91	6490.20	6490.31	6487.74	6481.23	6485.53

Input data for months that you checked the wells in the green table.

Notes:

1) C-1 and C-2 installed May 2003.

2) Elevation given in bold font is an estimate since monitoring well was dry during one or more water level monitoring events for the given month. Elevation of well bottom used as water elevation if well was dry.

3) NM = Not Measured

4) Water level data collected from top of polyvinyl chloride casing (TPVC).

2016 Monthly Average Groundwater Elevation Comparisions
Camilletti Milner Pit #2
Precision Excavating, Inc.

	Groundwater Comparision to Baseline Elevations								
	(Difference in Feet - Ave.)								
Monitoring Well	Y-1	Y-2	Y-3	Y-4	Y-5	Y-6	M-1	C-1	C-2
Jan-16									
Feb-16									
Mar-16	-0.41	1.21	0.77	1.25	0.68	0.74	0.64	0.68	0.32
Apr-16	1.24	1.36	1.60	1.79	1.72	2.01	1.52	1.72	1.23
May-16	1.45	1.74	2.01	1.99	1.88	1.91	1.77	1.75	1.89
Jun-16	0.81	1.11	1.19	1.21	1.08	0.97	1.03	1.28	1.15
Jul-16	-0.45	0.37	0.88	0.82	0.64	0.80	0.45	0.66	0.64
Aug-16	0.20	0.27	0.68	0.53	0.54	0.66	0.98	0.78	0.82
Sep-16	0.03	-0.27	0.49	0.35	0.43	0.57	-0.02	0.28	0.36
Oct-16	0.47	-0.04	0.84	0.79	0.66	0.73	0.94	0.83	0.52
Nov-16	-0.17	-0.27	0.37	0.32	0.67	0.80	-0.11	0.28	-0.10
Dec-16	-0.28	-0.45	0.30	0.23	0.47	0.60	-0.05	0.28	0.66

Notes:
1) A negative number denotes a value below the established baseline.
2) A positive number denotes a value above the established baseline.
3) Variances of more than 1.5 feet less than baseline are not allowable.
4) Numbers in bold font exceed the negative 1.5 foot variance.
5) Groundwater barrier wall installed in M-1 vicinity during February 2007 through April 2007. Groundwater elevations rebounded to levels above the baseline in M-1 following curtain installation activities.
6) Y-7 located north of and adjacent to pit and several hundred feet south of cotton wood trees. Y-7 Removed.
7) Y-1 and Y-2 located located north of pit and along treeline and planned pit boundary.
8) Water levels in Y-1 through Y-4, Y-6 , Y-7, and M-1 appear to have been impacted by groundwater barrier wall constrcution activities that began in the vicinity during December 2007 and currently continue.

Groundwater Elevation Summary
Camilletti Milner Pit #2
Precision Excavating, Inc.
2016

Well	Y-1		Y-2		Y-3		Y-4		Y-5		Y-6		M-1		C-1		C-2	
	Elevation	Measured (ft)	Elevation	Measured (ft)	Elevation	Measured (ft)	Elevation	Measured (ft)	Elevation	Measured (ft)	Elevation	Measured (ft)	Elevation	Measured (ft)	Elevation	Measured (ft)	Elevation	Measured (ft)
Top of PVC	**6494.40**	**2.90**	**6494.50**	**1.40**	**6495.80**	**2.71**	**6495.20**	**1.98**	**6496.20**	**2.59**	**6495.50**	**1.22**	**6495.60**	**2.15**	**6492.80**	**2.85**	**6493.70**	**2.65**
1/13/2016	Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow	
1/25/2016	Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow	
2/9/2016	Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow	
2/23/2016	Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow	
3/14/2016	Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow	
3/30/2016	6488.70	5.70	6488.25	6.25	6489.20	6.60	6489.70	5.50	6490.80	5.40	6490.20	5.30	6488.80	6.80	6482.30	10.50	6486.50	7.20
4/14/2016	6490.30	4.10	6490.30	4.20	6489.65	6.15	6490.45	4.75	6491.40	4.80	6491.90	3.60	6490.75	4.85	6481.20	11.60	6487.40	6.30
4/29/2016	6490.05	4.35	6490.05	4.45	6490.35	5.45	6490.90	4.30	6491.85	4.35	6492.25	3.25	6490.70	4.90	6481.80	11.00	6486.30	7.40
5/2/2016	6489.95	4.45	6489.80	4.70	6490.35	5.45	6490.60	4.60	6491.90	4.30	6492.20	3.30	6490.40	5.20	6483.05	9.75	6488.05	5.65
5/20/2016	6491.40	3.00	6490.85	3.65	6491.45	4.35	6491.90	3.30	6493.30	2.90	6493.00	2.50	6490.35	5.25	6483.60	9.20	6488.20	5.50
6/6/2016	6490.25	4.15	6490.00	4.50	6490.30	5.50	6490.70	4.50	6492.05	4.15	6492.05	3.45	6490.10	5.50	6483.70	9.10	6488.15	5.55
6/16/2016	6489.15	5.25	6489.05	5.45	6489.15	6.65	6489.45	5.75	6490.85	5.35	6491.10	4.40	6490.00	5.60	6483.55	9.25	6488.20	5.50
7/20/2016	6488.25	6.15	6487.90	6.60	6488.30	7.50	6488.50	6.70	6489.90	6.30	6490.20	5.30	6489.85	5.75	6480.80	12.00	6485.50	8.20
7/27/2016	6486.90	7.50	6487.25	7.25	6487.65	8.15	6487.75	7.45	6489.20	7.00	6489.35	6.15	6489.90	5.70	6480.30	12.50	6485.10	8.60
8/16/2016	6487.70	6.70	6487.20	7.30	6487.65	8.15	6487.70	7.50	6489.10	7.10	6489.30	6.20	6488.40	7.20	6480.80	12.00	6485.00	8.70
8/30/2016	6487.40	7.00	6487.00	7.50	6487.50	8.30	6487.50	7.70	6489.00	7.20	6489.20	6.30	6487.10	8.50	6480.30	12.50	6483.90	9.80
9/9/2016	6487.70	6.70	6486.80	7.70	6487.55	8.25	6487.55	7.65	6488.95	7.25	6489.05	6.45	6487.10	8.50	6480.30	12.50	6484.10	9.60
9/13/2016	6488.00	6.40	6486.80	7.70	6488.00	7.80	6488.05	7.15	6489.00	7.20	6489.15	6.35	6486.85	8.75	6479.80	13.00	6483.70	10.00
10/4/2016	6487.95	6.45	6486.90	7.60	6488.00	7.80	6488.20	7.00	6489.20	7.00	6489.35	6.15	6483.30	12.30	6479.80	13.00	6484.30	9.40
10/31/2016	6488.60	5.80	6487.15	7.35	6488.20	7.60	6488.45	6.75	6489.60	6.60	6489.70	5.80	6482.90	12.70	6481.30	11.50	6484.10	9.60
11/8/2016	6487.70	6.70	6486.80	7.70	6487.80	8.00	6487.95	7.25	6489.40	6.80	6489.60	5.90	6487.90	7.70	6480.60	12.20	6483.70	10.00
11/28/2016	6487.40	7.00	6486.75	7.75	6487.50	8.30	6487.80	7.40	6489.30	6.90	6489.50	6.00	6486.35	9.25	6479.40	13.40	6483.50	10.20
12/2/2016	6487.15	7.25	6486.60	7.90	6487.30	8.50	6487.50	7.70	6489.10	7.10	6489.40	6.10	6487.85	7.75	6480.10	12.70	6484.10	9.60
12/23/2016	6487.25	7.15	6486.50	8.00	6487.50	8.30	6487.80	7.40	6489.30	6.90	6489.40	6.10	6486.10	9.50	6479.90	12.90	6484.00	9.70

2015 Monthly Average Groundwater Elevation Comparisions

Camilletti Milner Pit #2

Precision Excavating, Inc.

	Baseline Elevations (Ave.) Used for Draw-Down Comparisions									
Monitoring Well	Y-1	Y-2	Y-3	Y-4	Y-5	Y-6	Y-7	M-1	C-1	C-2
TPVC	6494.40	6494.50	6495.80	6495.20	6496.20	6495.50	6493.80	6495.60	6492.79	6493.73
Jan-02	6488.61	6488.07	6488.12	6489.25	6489.24	6489.39	6489.23	6488.01	NM	NM
Feb-02	6488.86	6487.00	6488.13	6488.39	6489.60	6489.50	6486.30	6488.00	NM	NM
Mar-02	6489.11	6487.04	6488.43	6488.45	6490.12	6489.46	6486.35	6488.16	NM	NM
Apr-02	6488.93	6488.81	6488.40	6488.89	6489.91	6490.06	6489.67	6488.78	NM	NM
May-02	6489.23	6488.59	6488.89	6489.26	6490.72	6490.69	6489.62	6488.18	NM	NM
Jun-02	6488.89	6488.42	6488.54	6488.87	6490.37	6490.61	6489.53	6488.00	NM	NM
Jul-02	6488.03	6487.21	6487.10	6487.31	6488.91	6488.98	6489.05	6486.95	NM	NM
Aug-02	6487.35	6486.83	6486.90	6487.07	6488.51	6488.59	6488.30	6486.77	NM	NM
Sep-02	6487.82	6487.07	6487.29	6487.45	6488.55	6488.53	6487.88	6487.02	NM	NM
Oct-02	6487.81	6487.07	6487.26	6487.54	6488.74	6488.79	6487.75	6482.16	NM	NM
Nov-02	6487.72	6487.05	6487.28	6487.56	6488.68	6488.75	6487.70	6487.21	NM	NM
Dec-02	6487.48	6487.00	6487.10	6487.42	6488.73	6488.80	6487.57	6487.05	NM	NM
Jan-04									6479.72	6483.41
Feb-04									6479.72	6484.01
Mar-04									6481.62	6486.18
Apr-04									6479.78	6485.62
May-03									6481.55	6486.24
Jun-03									6482.32	6487.02
Jul-03									6479.84	6484.66
Aug-03									6479.72	6483.68
Sep-03									6479.72	6483.64
Oct-03									6479.72	6483.68
Nov-03									6479.72	6483.70
Dec-03									6479.72	6483.34

Do NOT change the numbers in the red table. They are the baseline figures for computations below.

	Groundwater Elevations (Ave.) for Current Year								
Monitoring Well	Y-1	Y-2	Y-3	Y-4	Y-5	Y-6	M-1	C-1	C-2
Jan-15	NM	NM	NM	NM	NM	NM	NM	NM	NM
Feb-15	NM	NM	NM	NM	NM	NM	NM	NM	NM
Mar-15	6,488.95	6,488.45	6,489.75	6,489.95	6,491.00	6,490.35	6,489.45	6,482.85	6486.30
Apr-15	6,489.20	6,488.30	6,489.50	6,489.63	6,490.75	6,490.58	6,489.00	6,483.10	6485.80
May-15	6,490.60	6,490.40	6,490.90	6,491.20	6,492.40	6,492.35	6,490.15	6,483.60	6487.60
Jun-15	6,490.10	6,489.70	6,490.60	6,489.20	6,491.85	6,491.95	6,489.95	6,482.55	6486.10
Jul-15	6,487.40	6,487.50	6,487.70	6,488.80	6,490.00	6,490.30	6,487.30	6,482.00	6484.10
Aug-15	6,486.45	6,486.85	6,486.80	6,487.60	6,488.85	6,488.90	6,486.50	6,481.30	6483.15
Sep-15	6,487.80	6,486.90	6,488.00	6,488.00	6,489.00	6,489.50	6,483.70	6,480.60	6483.10
Oct-15	6,487.80	6,487.00	6,488.10	6,488.10	6,489.20	6,489.70	6,483.60	6,480.10	6482.80
Nov-15	6,487.90	6,486.90	6,488.00	6,487.90	6,489.20	6,489.50	6,486.30	6,480.10	6483.20
Dec-15	NM	NM	NM	NM	NM	NM	NM	NM	NM
Annual Average	6488.47	6488.00	6488.82	6488.93	6490.25	6490.35	6487.33	6481.80	6484.68

Input data for months that you checked the wells in the green table.

Notes:

1) C-1 and C-2 installed May 2003.

2) Elevation given in bold font is an estimate since monitoring well was dry during one or more water level monitoring events for the given month. Elevation of well bottom used as water elevation if well was dry.

3) NM = Not Measured

4) Water level data collected from top of polyvinyl chloride casing (TPVC).

2015 Monthly Average Groundwater Elevation Comparisions
Camilletti Milner Pit #2
Precision Excavating, Inc.

	Groundwater Comparision to Baseline Elevations								
	(Difference in Feet - Ave.)								
Monitoring Well	Y-1	Y-2	Y-3	Y-4	Y-5	Y-6	M-1	C-1	C-2
Jan-15									
Feb-15									
Mar-15	-0.16	1.41	1.32	1.50	0.88	0.89	1.29	1.23	0.12
Apr-15	0.27	-0.51	1.10	0.74	0.84	0.52	0.22	3.32	0.18
May-15	1.37	1.81	2.01	1.94	1.68	1.66	1.97	2.05	1.36
Jun-15	1.21	1.28	2.06	0.33	1.48	1.34	1.95	0.23	-0.92
Jul-15	-0.63	0.29	0.60	1.49	1.09	1.32	0.35	2.16	-0.56
Aug-15	-0.90	0.02	-0.10	0.53	0.34	0.31	-0.27	1.58	-0.53
Sep-15	-0.02	-0.17	0.71	0.55	0.45	0.97	-3.32	0.88	-0.54
Oct-15	-0.01	-0.07	0.84	0.56	0.46	0.91	1.44	0.38	-0.88
Nov-15	0.18	-0.15	0.72	0.34	0.52	0.75	-0.91	0.38	-0.50
Dec-15									

Notes:
1) A negative number denotes a value below the established baseline.
2) A positive number denotes a value above the established baseline.
3) Variances of more than 1.5 feet less than baseline are not allowable.
4) Numbers in bold font exceed the negative 1.5 foot variance.
5) Groundwater barrier wall installed in M-1 vicinity during February 2007 through April 2007. Groundwater elevations rebounded to levels above the baseline in M-1 following curtain installation activities.
6) Y-7 located north of and adjacent to pit and several hundred feet south of cotton wood trees. Y-7 Removed.
7) Y-1 and Y-2 located located north of pit and along treeline and planned pit boundary.
8) Water levels in Y-1 through Y-4, Y-6 , Y-7, and M-1 appear to have been impacted by groundwater barrier wall constrcution activities that began in the vicinity during December 2007 and currently continue.

Groundwater Elevation Summary
Camilletti Milner Pit #2
Precision Excavating, Inc.
2015

Well	Y-1		Y-2		Y-3		Y-4		Y-5		Y-6		M-1		C-1		C-2	
	Elevation	Measured (ft)	Elevation	Measured (ft)	Elevation	Measured (ft)	Elevation	Measured (ft)	Elevation	Measured (ft)	Elevation	Measured (ft)	Elevation	Measured (ft)	Elevation	Measured (ft)	Elevation	Measured (ft)
Top of PVC	**6494.40**	**2.90**	**6494.50**	**1.40**	**6495.80**	**2.71**	**6495.20**	**1.98**	**6496.20**	**2.59**	**6495.50**	**1.22**	**6495.60**	**2.15**	**6492.80**	**2.85**	**6493.70**	**2.65**
1/28/2015	Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow	
2/18/2015	Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow	
3/2/2015	6488.90	5.50	6488.40	6.10	6489.40	6.40	6489.90	5.30	6491.00	5.20	6490.30	5.20	6489.40	6.20	6482.70	10.10	6486.40	7.30
3/16/2015	6489.00	5.40	6488.50	6.00	6490.10	5.70	6490.00	5.20	6491.00	5.20	6490.40	5.10	6489.50	6.10	6483.00	9.80	6486.20	7.50
4/6/2015	6490.30	4.10	6489.20	5.30	6490.30	5.50	6490.45	4.75	6491.40	4.80	6491.10	4.40	6490.60	5.00	6482.80	10.00	6487.40	6.30
4/24/2015	6488.10	6.30	6487.40	7.10	6488.70	7.10	6488.80	6.40	6490.10	6.10	6490.05	5.45	6487.40	8.20	6483.40	9.40	6484.20	9.50
5/5/2015	6489.90	4.50	6489.60	4.90	6490.40	5.40	6490.40	4.80	6491.60	4.60	6491.70	3.80	6490.10	5.50	6483.50	9.30	6487.00	6.70
5/19/2015	6491.30	3.10	6491.20	3.30	6491.40	4.40	6492.00	3.20	6493.20	3.00	6493.00	2.50	6490.20	5.40	6483.70	9.10	6488.20	5.50
6/15/2015	6491.00	3.40	6490.30	4.20	6491.30	4.50	6488.80	6.40	6492.90	3.30	6493.40	2.10	6490.80	4.80	6483.10	9.70	6486.20	7.50
6/30/2015	6489.20	5.20	6489.10	5.40	6489.90	5.90	6489.60	5.60	6490.80	5.40	6490.50	5.00	6489.10	6.50	6482.00	10.80	6486.00	7.70
7/14/2015	6487.40	7.00	6487.50	7.00	6487.70	8.10	6488.80	6.40	6490.00	6.20	6490.30	5.20	6487.30	8.30	6482.00	10.80	6484.10	9.60
8/10/2015	6485.70	8.70	6486.70	7.80	6486.20	9.60	6487.70	7.50	6488.90	7.30	6488.70	6.80	6486.50	9.10	6481.80	11.00	6483.10	10.60
8/26/2015	6487.20	7.20	6487.00	7.50	6487.40	8.40	6487.50	7.70	6488.80	7.40	6489.10	6.40	6486.50	9.10	6480.80	12.00	6483.20	10.50
9/28/2015	6487.80	6.60	6486.90	7.60	6488.00	7.80	6488.00	7.20	6489.00	7.20	6489.50	6.00	6483.70	11.90	6480.60	12.20	6483.10	10.60
10/26/2015	6487.90	6.50	6487.00	7.50	6488.10	7.70	6488.10	7.10	6489.20	7.00	6489.70	5.80	6483.60	12.00	6480.10	12.70	6482.80	10.90
11/16/2015	6487.90	6.50	6486.90	7.60	6488.00	7.80	6487.90	7.30	6489.20	7.00	6489.50	6.00	6486.30	9.30	6480.10	12.70	6483.20	10.50
12/14/2015	Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow		Snow	

RECEPTION#: 800221, 06/14/2019 at 03:47:05 PM, 1 of 1, R: $13.00, D: $0.00, Kim Bonner, Routt County, CO

After Recording Return to:

STATEMENT OF AUTHORITY

Pursuant to C.R.S. §38-30-172, the undersigned hereby executes this Statement of Authority on behalf of Camilletti & Sons, Inc., a Colorado corporation an entity other than an individual, capable of holding title to real property (the "Entity"), and states as follows:

The name of the Entity is: Camilletti & Sons, Inc., a Colorado corporation

The Entity is a: Colorado corporation
(state type of entity and state, country or other government authority under whose laws such entity was formed)

The mailing address for the Entity is: HCR 66, Block 69, Steamboat Springs, CO 80487

The name or position of the person(s) authorized to execute instruments conveying, encumbering, or otherwise affecting title to real property on behalf of the Entity is:

Frank Camilletti, President RUDOLF CAMILLETTI, SECRETARY/

Edward L. Camilletti, Vice President TREASURER

The limitations upon the authority of the person named above or holding the position described above to bind the Entity are as follows: NONE
(if no limitations insert "NONE")

Other matters concerning the manner in which the Entity deals with any interest in real property are:

(if no matters, leave this section blank)

EXECUTED this May 29, 2019

SELLER:

Camilletti & Sons, Inc., a Colorado corporation

By: Edward L. Camilletti, Vice President

STATE OF COLORADO
COUNTY OF ROUTT } SS:

The foregoing instrument was acknowledged before me this **May 29, 2019**
by Edward L. Camiletti as Vice President of Camilletti & Sons, Inc., a Colorado corporation

Witness my hand and official seal.

My commission expires: 12.4.2021

Notary Public

SHELLY WU
Notary Public
State of Colorado
Notary ID # 20134075739
My Commission Expires 12-04-2021

FEE [illegible]

R[illegible] N[illegible] ..... Recorder.

THIS DEED, Made this [illegible] day of [illegible] in the year of our Lord one thousand nine hundred and [illegible] between [illegible] of the [illegible] County of [illegible] and State of Colorado, of the first part, and [illegible] of the [illegible] County of [illegible] and State of Colorado, of the second part:

WITNESSETH, That the said part [illegible] of the first part, for and in consideration of the sum of [illegible] DOLLARS, to the said part [illegible] of the first part in hand paid by the said part [illegible] of the second part, the receipt whereof is hereby confessed and acknowledged, ha[illegible] granted, bargained, sold and conveyed, and by these presents do [illegible] grant, bargain, sell, convey and confirm, unto the said part [illegible] of the second part, [illegible] heirs and assigns forever, all the following described lot [illegible] or parcel[illegible] of land, situate, lying and being in the [illegible] County of [illegible] and State of Colorado, to-wit:

1. Lots [illegible], 5, 26, Block 5, Town of Milner.

2. W½SE¼ and SE¼SW¼, Section 5; W½SW¼, NE¼SE¼, E½SE¼NW¼, S½SW¼SE¼NW¼, S½N½SW¼SE¼NW¼, SE¼SW¼, S½SE¼, Section 4; [illegible], NE¼NE¼, Section 9; W½NW¼, NW¼SW¼, Section 10, T. 6 N., R. 86 W. of the 6th P.M., containing 66¼.5 acres, more or less. Except 75% of all oil, [illegible] previously reserved.

3. E½NE¼, Section [illegible], T. [illegible] N., R. [illegible] W. of the 6th P.M. Except all mineral reservations of record.

4. Lots 11 and 12, Block 1, Town of Milner; Lots 2 and 3, W½SE¼ Section 27; SE¼ Section 28 all in T. 7 N., R. [illegible] W. of the 6th P.M.

5. The W½ Section 16; S½NW¼ Section [illegible], T. [illegible] N., R. 69 W. of the 6th P.M.

6. A tract of land contained within the following described boundaries: Beginning at the SE corner of the W½NW¼NE¼, Section 15, T. 6 N., R. 86 W. of the 6th P.M., thence westerly along the south line of said W½NW¼NE¼, of said Sec., 380 ft., more or less, to the intersection of the north line of the right of way of the Denver and Salt Lake Railway Co., thence westerly along the said north line of the right of way of the Denver and Salt Lake Railway Co., 470 ft., more or less, to the intersection of said north line of said right of way with the South line of First Avenue of the Town of Milner; thence easterly along the South line of First Avenue of the Town of Milner, as shown on the plat of said Town, 928.58 ft., more or less, to the intersection of said South line of said First Avenue of said Town with the east line of W½NW¼NE¼ of said Sec. 15; thence south on said last mentioned line, 430 ft., more or less to the place of beginning. Also a tract of land described as follows; E½NW¼NE¼, said Sec. 15, less a strip on the west side thereof platted as Spruce St.

7. SE¼SE¼ Sec. 9, S½SW¼ and E½SW¼, and E½NW¼, and W½NE¼, SE¼ Sec. 10, all Sec. 15 except NW¼NE¼ and E½NE¼NW¼, all in T. 6 N., R. 86 W. of the 6th P.M.; also the Cheney Ditch; The Milner Cheney Gulch Ditch, and the Milner Clark Gulch Ditch; and the water and water rights therein and thereunto belonging, also an undivided 3/4th interest in and to the R. E. Clark Ditch, and the water and water rights therein, or thereunto belonging, also an undivided ½ interest in and to the F. E. Milner and C. J. Cover Ditch and the water and water rights therein or thereunto belonging; also all rights of way for all the above ditches; together with all other ditches and water rights belonging or in anywise appertaining to said land.

And save and except rights of way and easements for railroads, wire, power, telegraph and telephone lines now in use or shown of record; subject to any mineral reservations of record. And also except the tract of land in the S½SE¼ Sec. 10, described as follows: Beginning at a point on the northerly right of way line of U. S. Highway No. 40, from which the S¼ corner of said Sec. 10 bears S.76°57'W. 253.8 ft.; thence N.37°12'E. 565 ft. along said northerly right of way line, thence N.2°43'W. 55 ft., thence N.37°55'W. 80.5 ft., thence S.37°12'W. 514.5 ft., thence 2°43'E. 100 ft. to the point of beginning.

8. Together with our interests in and to any oil, gas and mineral leases pertaining to any of the above described real estate.

TOGETHER with all and singular the hereditaments and appurtenances thereto belonging, or in anywise appertaining, and the reversion and reversions, remainder and remainders, rents, issues and profits thereof; and all the estate, right, title, interest, claim and demand whatsoever of the said parties of the first part, either in law or equity, of, in and to the above bargained premises, with the hereditaments and appurtenances.

No. 463. WARRANTY DEED—For Photographic Record.—The Bradford-Robinson Ptg. Co., Mfrs. Robinson's Legal Blanks, Denver.

TO HAVE AND TO HOLD the said premises above bargained and described, with the appurtenances, unto the said part of the second part, heirs and assigns forever. And the said part of the first part, for sel , heirs, executors, and administrators, do covenant, grant, bargain and agree to and with the said part of the second part, heirs and assigns, that at the time of the ensealing and delivery of these presents, well seized of the premises above conveyed, as of good, sure, perfect, absolute and indefeasible estate of inheritance, in law, in fee simple, and ha good right, full power and lawful authority to grant, bargain, sell and convey the same in manner and form as aforesaid, and that the same are free and clear from all former and other grants, bargains, sales, liens, taxes, assessments and encumbrances of whatever kind or nature soever, [illegible] of record

and the above bargained premises in the quiet and peaceable possession of the said party of the second part, its [illegible] heirs and assigns against all and every person or persons lawfully claiming or to claim the whole or any part thereof, the said part ies of the first part shall and will WARRANT AND FOREVER DEFEND.

IN WITNESS WHEREOF, the said part ies of the first part ha ve hereunto set their hands and seal s the day and year first above written.

Signed, Sealed and Delivered in the Presence of

Don Freny

Albert Camilletti [SEAL]

Minnie M. Camilletti [SEAL]

Also known as

Minnie Camilletti [SEAL]

Donald L. Freny NOTARY PUBLIC Routt County

STATE OF COLORADO, County of Routt } ss.

The foregoing instrument was acknowledged before me this 20th day of February A.D. 19 61 , by Albert Camilletti [illegible] also known as Minnie M. Camilletti

My commission expires Feb. 10 , 1962 . Witness my hand and official seal.

Donald L. Freny
Notary Public.

WARRANTY DEED

No.

TO

STATE OF COLORADO, County of Routt } ss.

I hereby certify that this instrument was filed for record in my office this 1st day of [illegible] A. D. 1962 at [illegible] o'clock [illegible] M., and duly recorded in Book Page

Recorder.

Deputy.

Fees, $ 2.90

COLORADO
Division of Reclamation, Mining and Safety
Department of Natural Resources

REC'D SEP 08 2016

MINERALS PROGRAM INSPECTION REPORT
PHONE: (303) 866-3567

The Division of Reclamation, Mining and Safety has conducted an inspection of the mining operation noted below. This report documents observations concerning compliance with the terms of the permit and applicable rules and regulations of the Mined Land Reclamation Board.

MINE NAME:	MINE/PROSPECTING ID#:	MINERAL:	COUNTY:
Camilletti Milner Pit #2	M-2001-023	Sand and gravel	Routt
INSPECTION TYPE:	**INSPECTOR(S):**	**INSP. DATE:**	**INSP. TIME:**
Monitoring	Amy C. Yeldell	August 17, 2016	08:00
OPERATOR:	**OPERATOR REPRESENTATIVE:**	**TYPE OF OPERATION:**	
Precision Excavating, Inc.	David Zehner	112c - Construction Regular Operation	

REASON FOR INSPECTION:	BOND CALCULATION TYPE:	BOND AMOUNT:
Normal I&E Program	IT.Bondcalculationtype.CD.Desc	$325,500.00
DATE OF COMPLAINT:	**POST INSP. CONTACTS:**	**JOINT INSP. AGENCY:**
NA	None	None
WEATHER:	**INSPECTOR'S SIGNATURE:**	**SIGNATURE DATE:**
Clear	Amy Yeldell	September 6, 2016

GENERAL INSPECTION TOPICS

This list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each. No problems or possible violations were noted during the inspection. The mine operation was found to be in full compliance with Mineral Rules and Regulations of the Colorado Mined Land Reclamation Board for the Extraction of Construction Materials and/or for Hard Rock, Metal and Designated Mining Operations. Any person engaged in any mining operation shall notify the office of any failure or imminent failure, as soon as reasonably practicable after such person has knowledge of such condition or of any impoundment, embankment, or slope that poses a reasonable potential for danger to any persons or property or to the environment; or any environmental protection facility designed to contain or control chemicals or waste which are acid or toxic-forming, as identified in the permit.

(AR) RECORDS---------- Y	(FN) FINANCIAL WARRANTY-------- Y	(RD) ROADS---------- Y
(HB) HYDROLOGIC BALANCE---------- Y	(BG) BACKFILL & GRADING---------- Y	(EX) EXPLOSIVES--------- NA
(PW) PROCESSING WASTE/TAILING---- N	(SF) PROCESSING FACILITIES------- Y	(TS) TOPSOIL---------- Y
(MP) GENL MINE PLAN COMPLIANCE- Y	(FW) FISH & WILDLIFE---------- Y	(RV) REVEGETATION---- Y
(SM) SIGNS AND MARKERS---------- Y	(SP) STORM WATER MGT PLAN---- NA	(CI) COMPLETE INSP---- Y
(ES) OVERBURDEN/DEV. WASTE--------- N	(SC) EROSION/SEDIMENTATION--- Y	(RS) RECL PLAN/COMP-- Y
(AT) ACID OR TOXIC MATERIALS------- NA	(OD) OFF-SITE DAMAGE----------N	(ST) STIPULATIONS------- Y

Y = Inspected and found in compliance / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

OBSERVATIONS

This inspection was conducted as part of the Colorado Division of Reclamation, Mining and Safety normal monitoring program. The Camilletti Milner Pit #2 is a 112c sand and gravel operation that consists of 125 acres. David Zehner represented the operator and accompanied Amy Yeldell of the Division on the inspection. The site is located in Routt County approximately one mile southeast of Milner, Colorado and is accessed from Routt County Road 179.

The mine identification sign and affected area boundary markers are in place and in compliance with Rule 3.1.12. The mine sign was located at the main entrance from CR 179. The main pit boundary is delineated by a fence and the expansion area uses a combination of fencing and posts.

This pit is broken up into two sections the original boundary northeast of the creek and the expansion area southwest of the creek. The pit entrance is on the east side of the original pit. A small bridge connects the two areas.

A scale and scale house are located at the pit entrance. All fuel and hazardous materials are located within a cement secondary containment. There is a storage shed at the pit entrance.

This operation mines vertical to the permit boundary then backfills. Based on their Routt County SUP permit a maximum of 1000 linear feet of highwall may be exposed at any time. All other previously mined slopes have been reduced to a 3:1.

The site was active at the time of the inspection and several pieces of equipment were observed working. There are several processing plants. A crusher plant is located on the main pit floor. A wash plant is located adjacent to the sediment ponds in the original permit area. Another crusher plant for recycling products is located west of the scale house. Any imported material is crushed then resold, no imported material will be used for reclamation.

The main pit has several huge stockpiles on the pit floor and other smaller piles throughout the rest of the pit. All stockpiles are stable and neatly organized. Most slopes in the main pit have been graded and seeded. Only a small portion of highwall remains adjacent to the main pit floor and the access road down into the pit. The south and east pit walls have successful reclamation and are releasable.

The bench to the north of the main pit floor has only been mined approximately 15' deep and can be mined an additional 15' deeper in the future if desired. This area is mainly used for additional stockpiling. The two sediment/wash ponds are approximately 30' deep. All banks have been reseeded and are stable.

The expansion area pit is full of water and has not been mined this year. There is a permanent dewatering well installed in the north portion of the pond. Several stockpiles are located to the south of the pond. The unreclaimed highwall is on the west side of the pond. All other slopes have been reclaimed to a 3:1 and reseeded. Mining in the expansion area is working towards the south and west. No mining has occurred south of the pipeline.

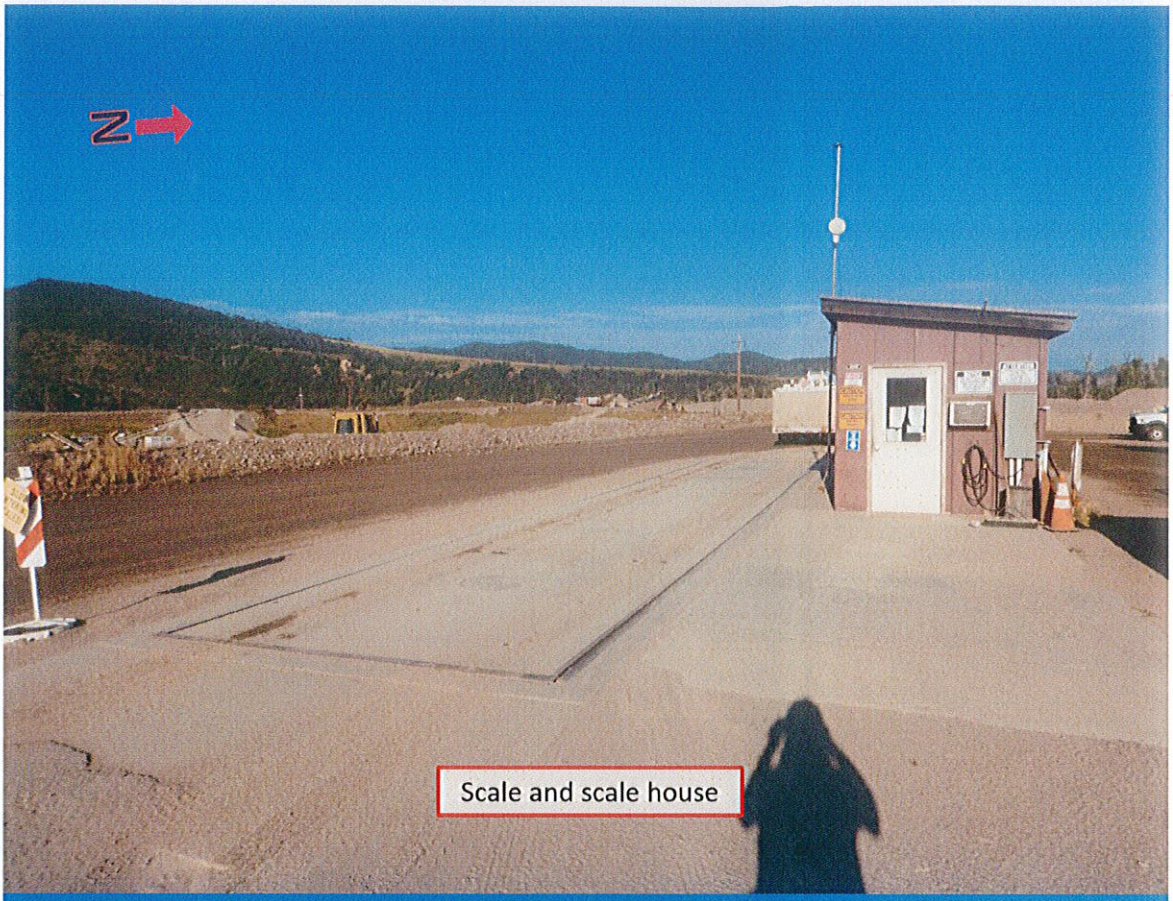
Some weeds were observed but there is evidence of ongoing treatment.

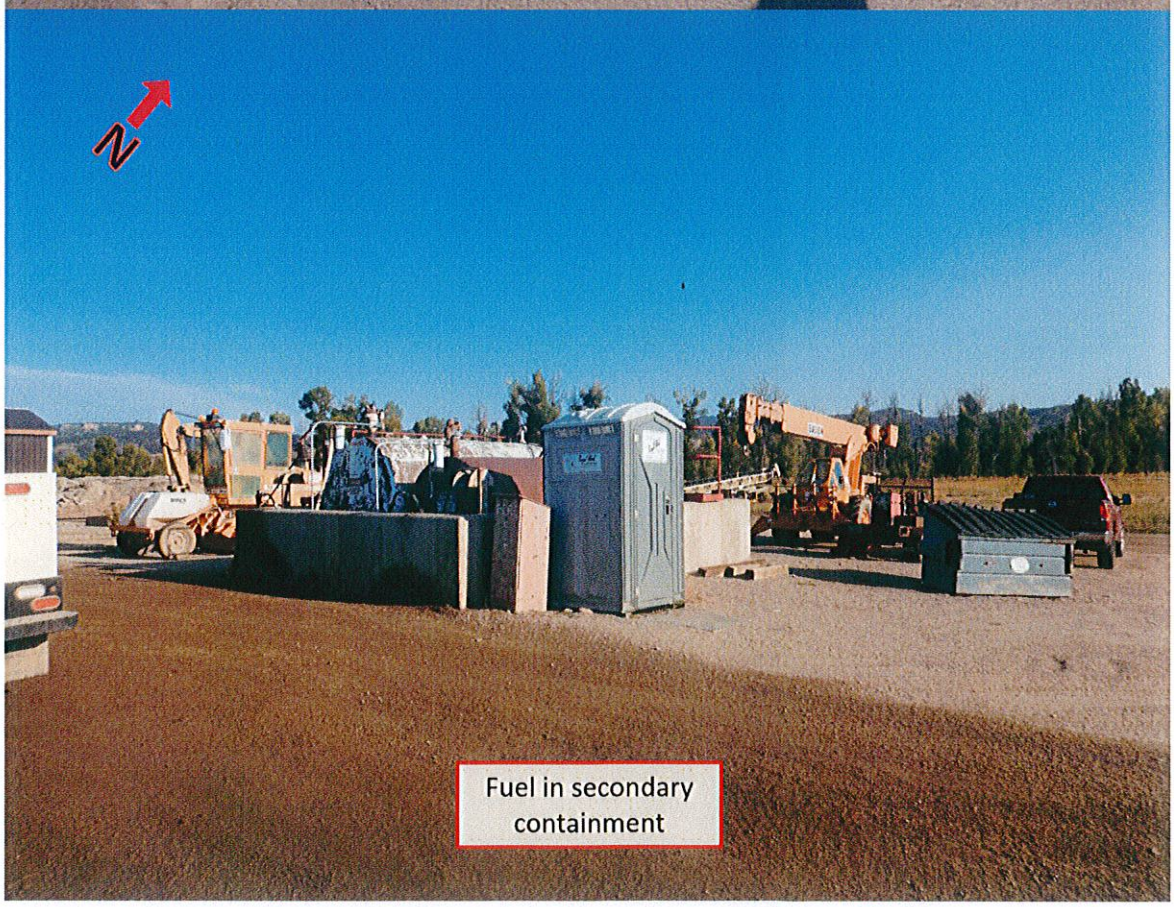
The Division currently holds a financial warranty amount of $325,000 for this site. The bond was last updated with AM-1 in 2009. In an effort to ensure the Financial Warranty adequately, reflects the actual current cost of fulfilling the requirements of the approved reclamation plan the Division has updated the reclamation cost estimate. The Division has found the current bond to be adequate.

No problems or violations were noted during this inspection.

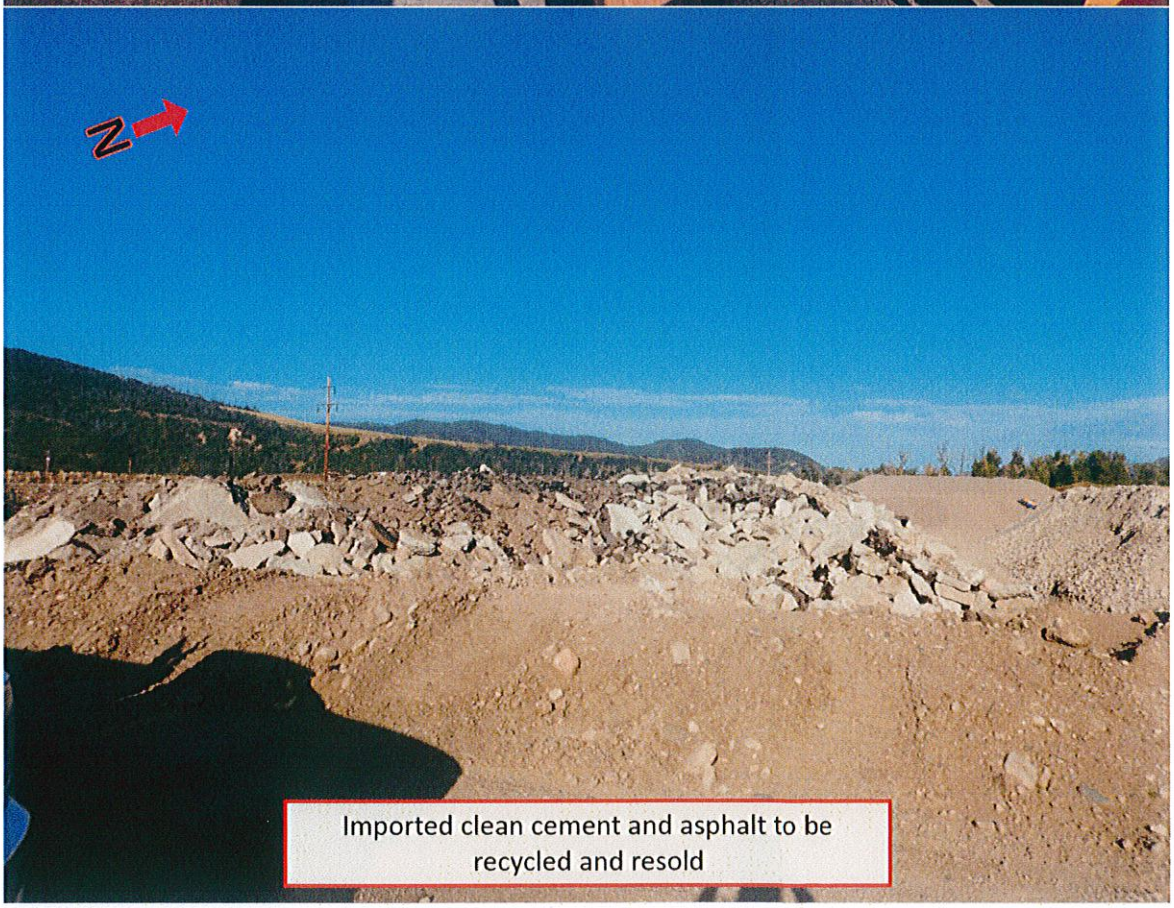
Responses to this inspection report should be directed to: Amy Yeldell at the Division of Reclamation, Mining and Safety, 1313 Sherman St., Room 215, Denver, CO 80203. Direct contact can be made by phone at 970-254-8511 or via email at amy.yeldell@ state.co.us

PHOTOGRAPHS

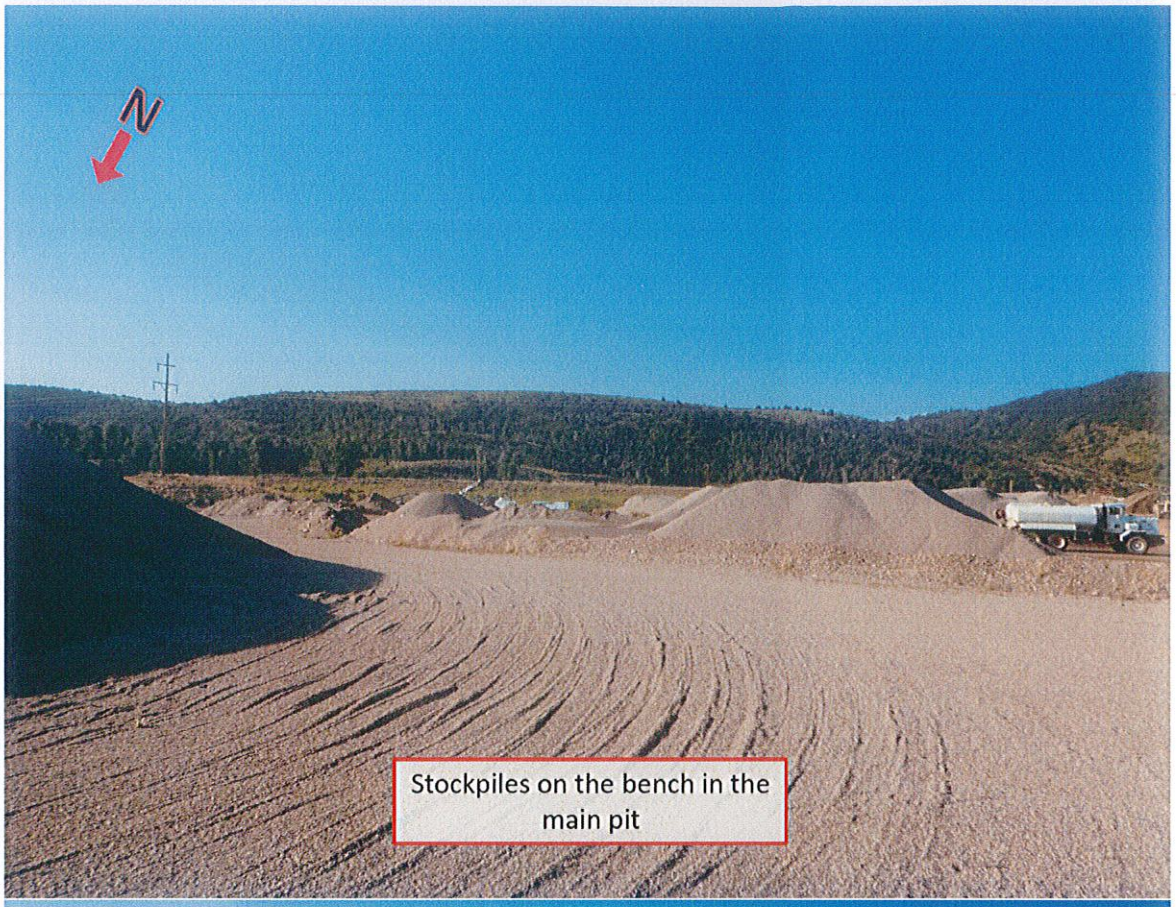

N
Scale and scale house


N
Fuel in secondary containment

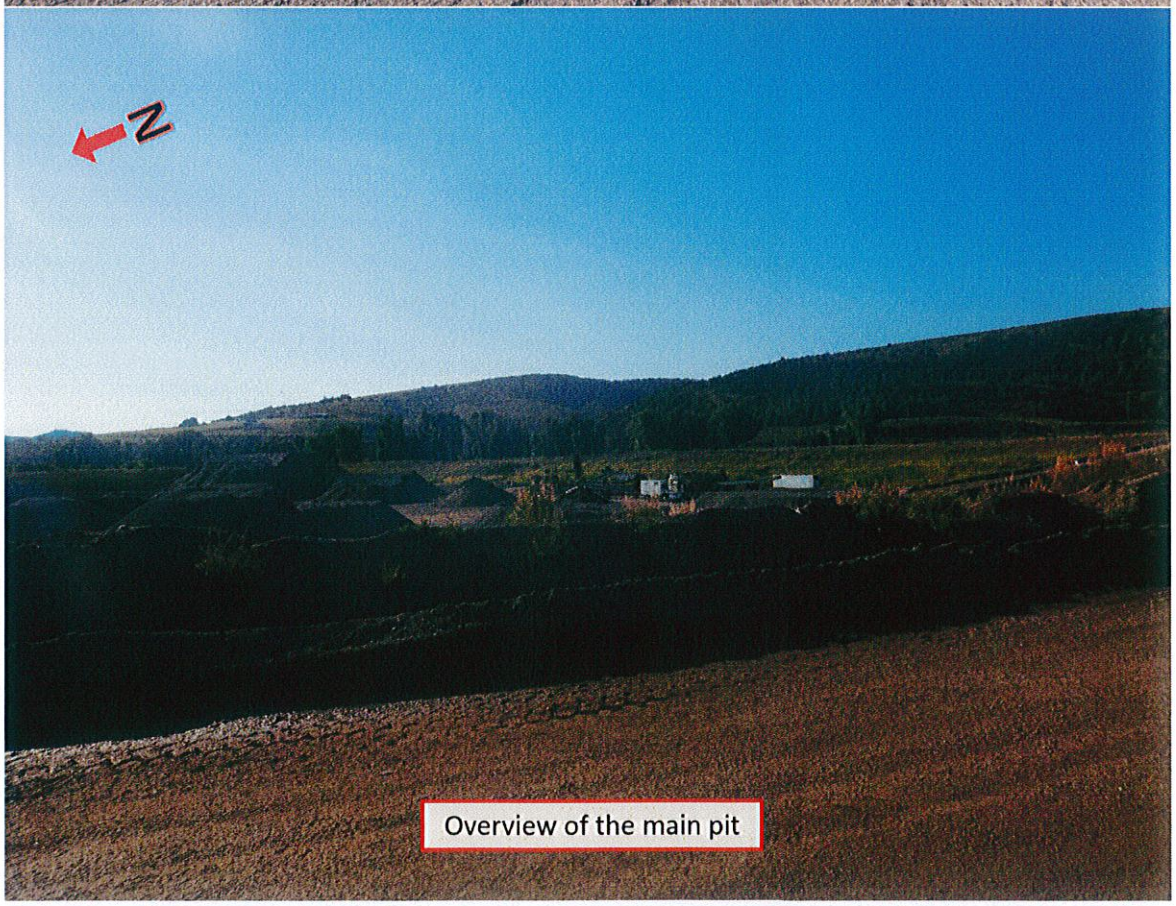
Storage shed



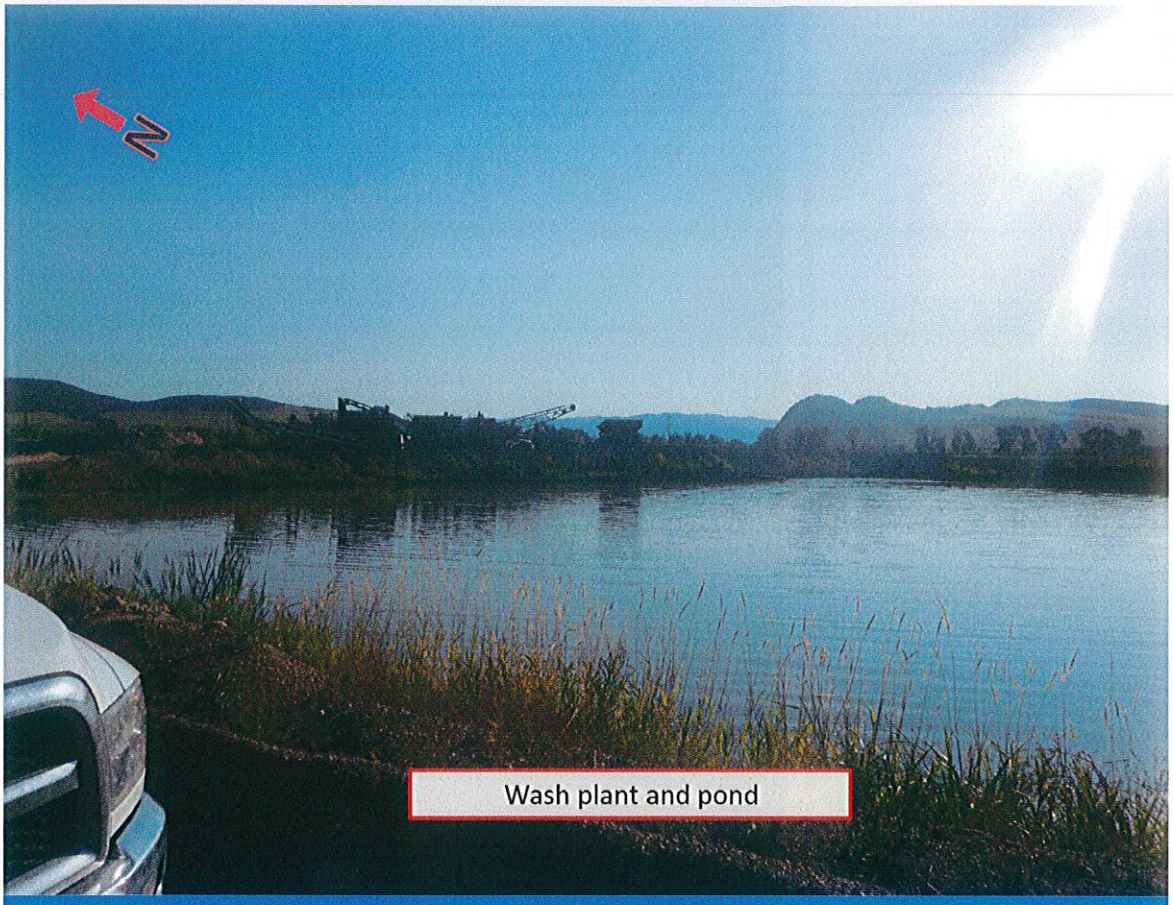
Imported clean cement and asphalt to be recycled and resold



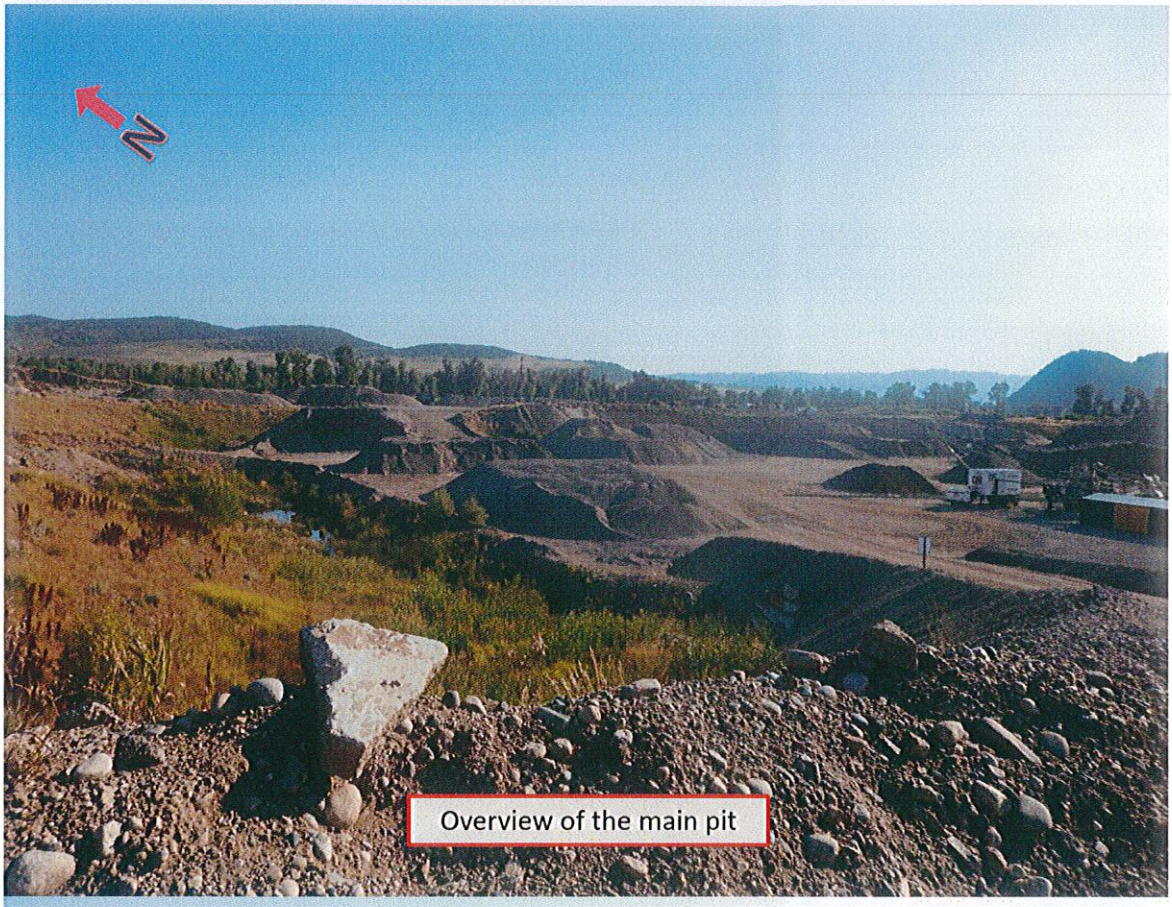
Stockpiles on the bench in the main pit



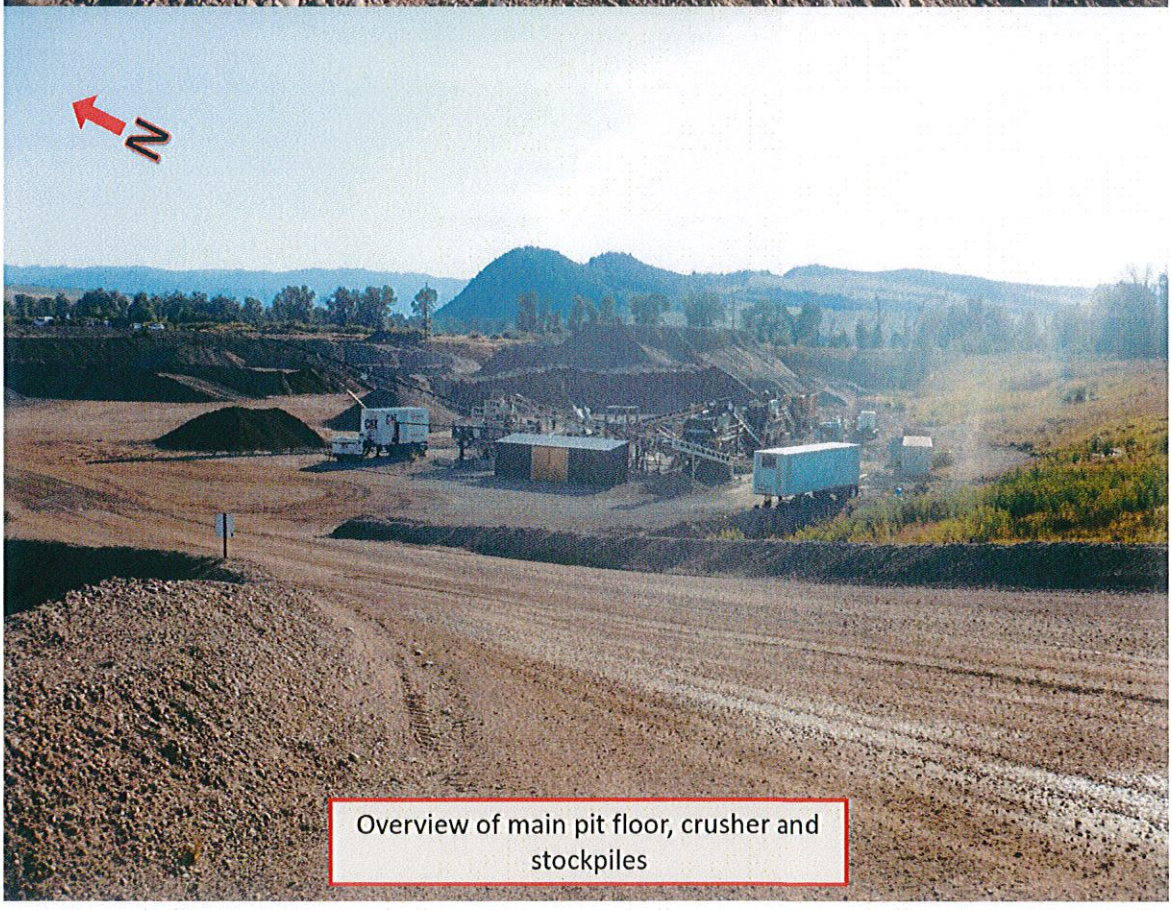
Overview of the main pit


N
Wash plant and pond


N
Expansion area
Wash/sediment pond.



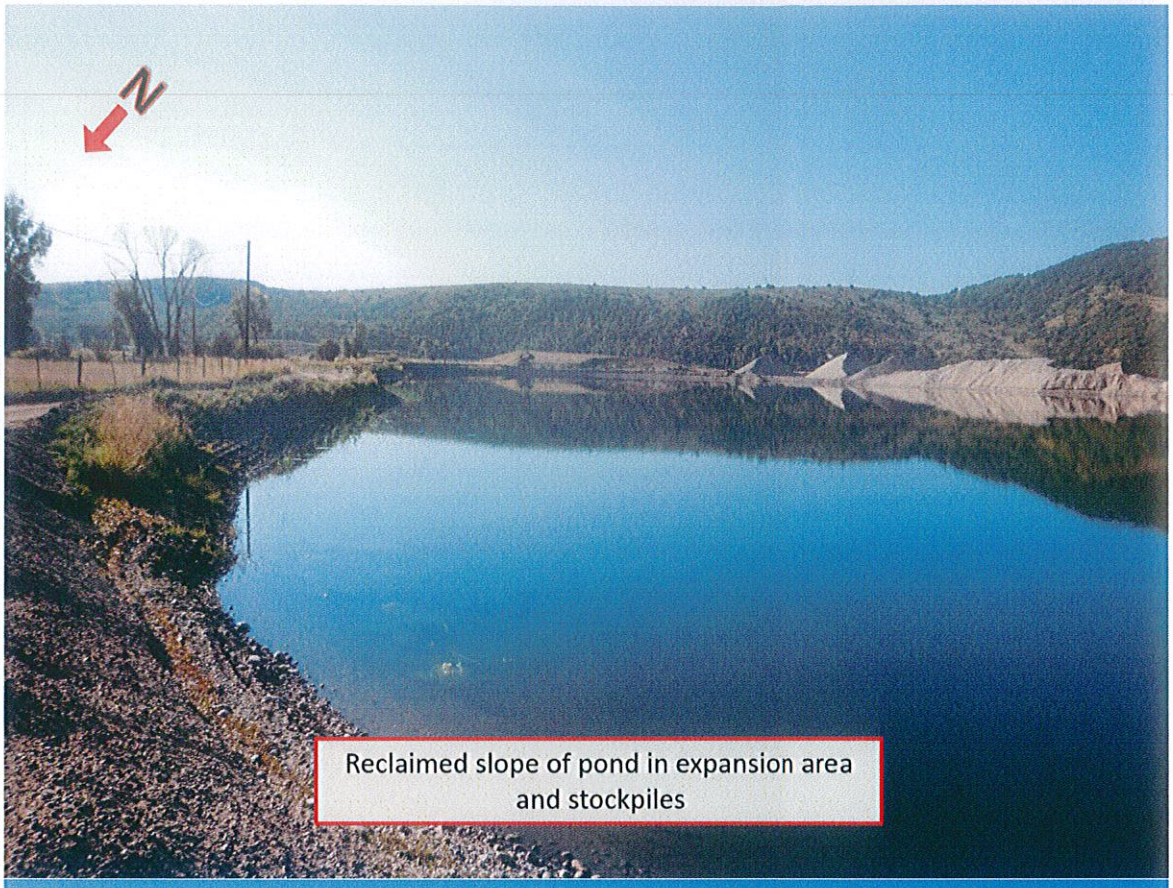
Overview of the main pit

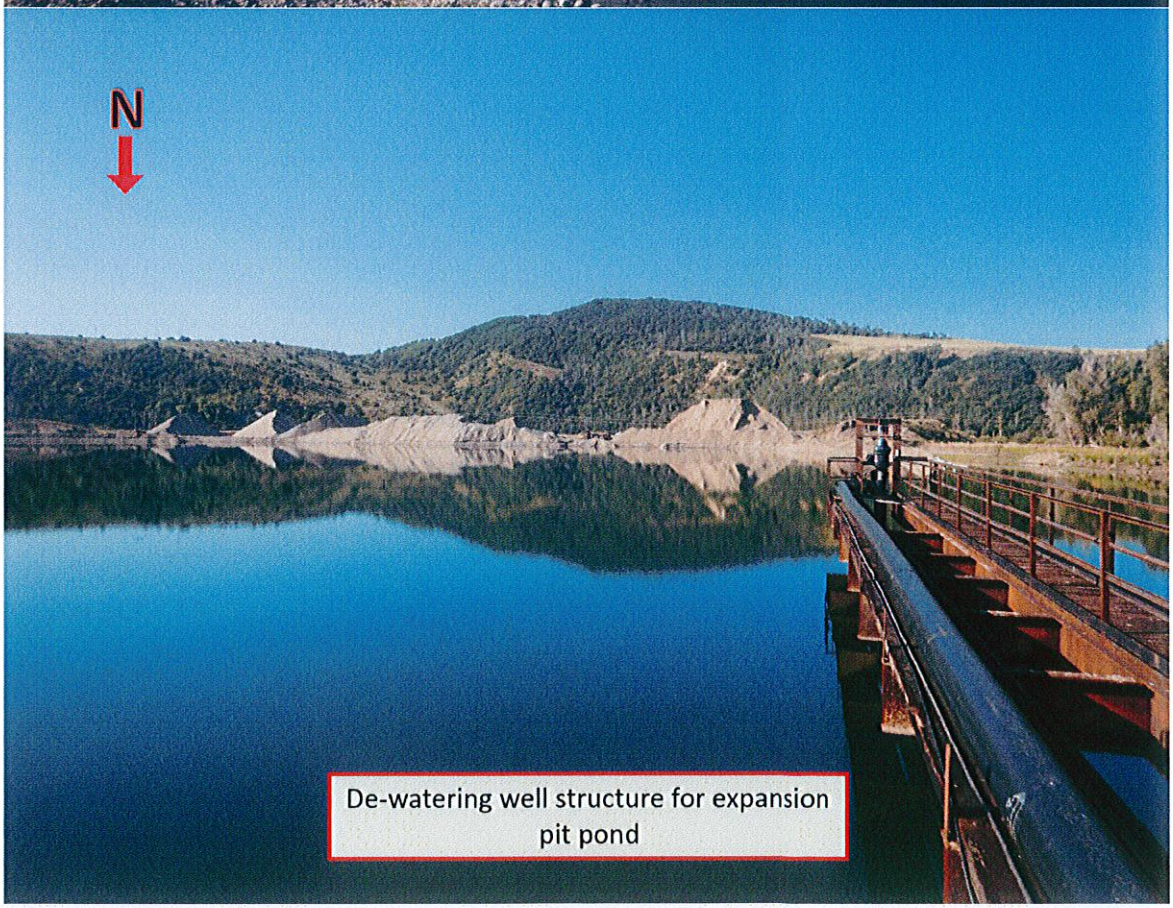


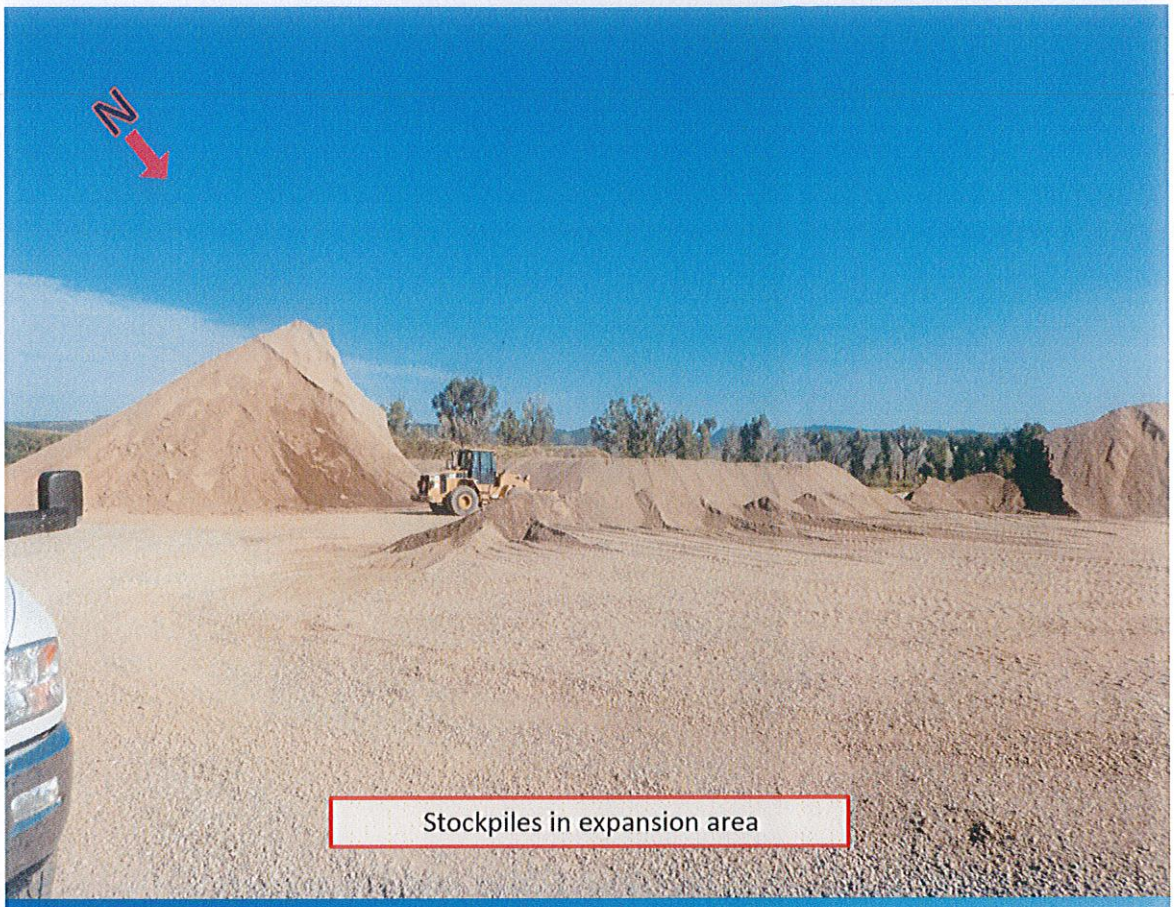
Overview of main pit floor, crusher and stockpiles

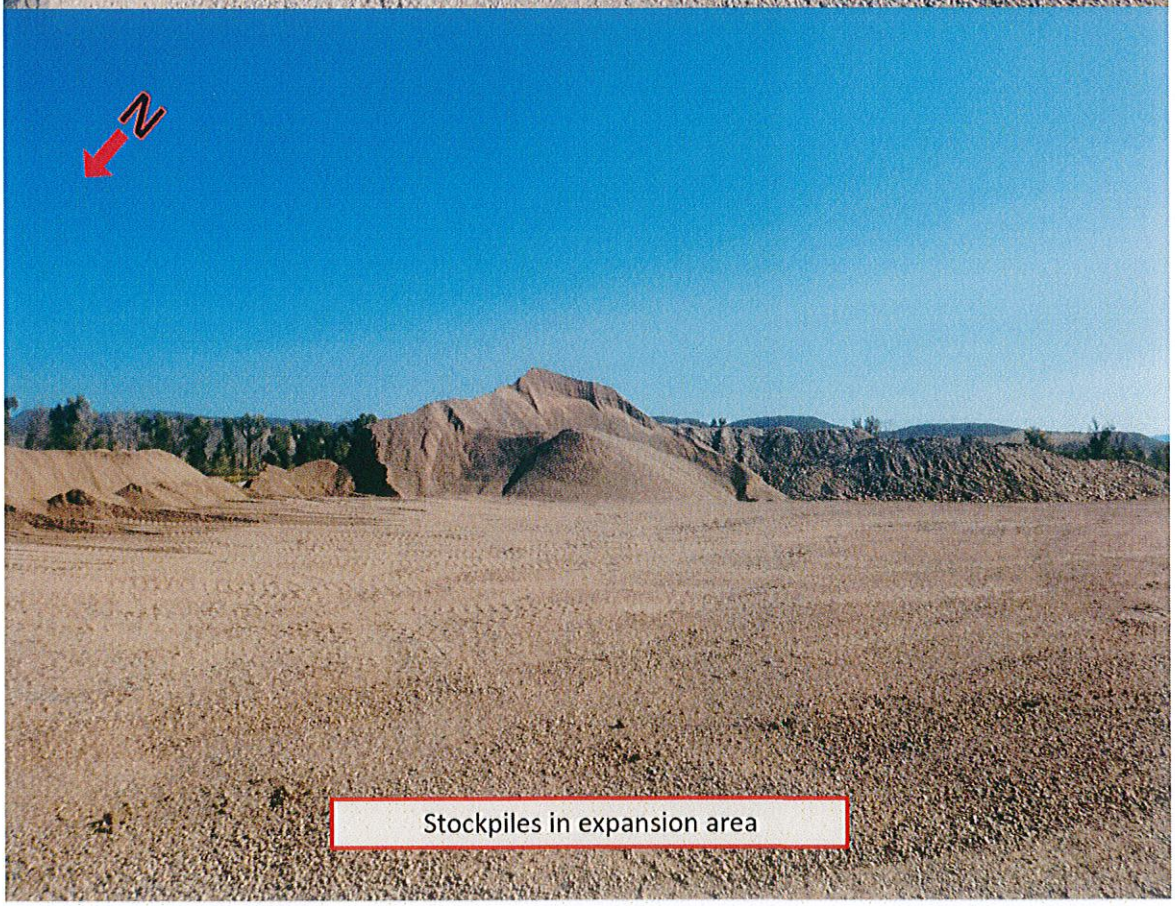

N
Reclaimed southern slope of main pit


N
Reclaimed eastern slope of main pit


N
Reclaimed slope of pond in expansion area and stockpiles


N
De-watering well structure for expansion pit pond


N
Stockpiles in expansion area


N
Stockpiles in expansion area

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Enclosure

EC: Russ Means, Senior EPS, GJFO DRMS