STATE OF COLORADO

Ebert - DNR, Jared <jared.ebert@state.co.us>

Lamb Lakes, M-2018-039, Adequacy Response 1 0f 2

William Schenderlein <bill@blueearthsolutions.net> Mon, Oct 15, 2018 at 9:03 AM
To: "Ebert - DNR, Jared" <jared.ebert@state.co.us>

Jared – The adequacy response to comments submitted on September 11, 2018 is attached. The file size requires that I split the response in two e-mails

The full hard copy is being sent and you should get it tomorrow morning. Please call me with any questions or if you need additional information.

Bill Schenderlein, P.E., CFM

Blue Earth Solutions, LLC

P.O. Box 2427

Fort Collins, CO 80522

(970) 227-2803

Lamb Lakes Adequacy Response 2018.10.15 w Attachments A-B.pdf
9235K

STATE OF COLORADO

Ebert - DNR, Jared <jared.ebert@state.co.us>

Lamb Lakes, M-2018-039, Adequacy Response 2 0f 2

William Schenderlein <bill@blueearthsolutions.net> Mon, Oct 15, 2018 at 9:05 AM
To: "Ebert - DNR, Jared" <jared.ebert@state.co.us>

Jared – e-mail 2 of 2

Bill Schenderlein

Blue Earth Solutions, LLC

(970) 227-2803

From: William Schenderlein
Sent: Monday, October 15, 2018 9:03 AM
To: 'Ebert - DNR, Jared' <jared.ebert@state.co.us>
Subject: Lamb Lakes, M-2018-039, Adequacy Response 1 0f 2

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Bill Schenderlein, P.E., CFM

Blue Earth Solutions, LLC

P.O. Box 2427

Fort Collins, CO 80522

(970) 227-2803

Lamb Lakes Adequacy Response 2018.10.15 Attachments C-D.pdf
11669K

October 15, 2018

Colorado Department of Natural Resources
Division of Reclamation, Mining and Safety
Attn: Mr. Jared Ebert
1313 Sherman Street; Room 215
Denver CO, 80203

RE: Response to Adequacy Review Comments for North Weld County Water District, Lamb Lakes, File No. M-2018-039

Dear Mr. Ebert:

The following discussion and attachments are submitted on behalf of our client, North Weld County Water District, in response to the Adequacy Review comments prepared by the Division of Reclamation, Mining and Safety (the Division) dated September 11, 2018 for the Lamb Lakes site Regular (112) Operation Reclamation Permit application. The information and discussion below address each comment as it was presented by the Division.

Rule 6.4.3 – Exhibit C – Pre-mining and Mining Plan Map(s) of Affected Lands

1. The topographic lines on Exhibits C-5, C-6, and F-1 have been corrected. Please see the revised exhibits in Attachment A.

2. The Fort Collins Irrigation Canal Ditch and Larimer and Weld Irrigation Ditch have been labeled on Exhibit C-6. Please see the revised Exhibit C-6 in Attachment A.

Rule 6.4.4 – Exhibit D – Mining Plan

3. According to the 1987 Home Office Pit Amendment by Sterling Sand & Gravel Company, topsoil and overburden was removed from the site during mining. The amendment suggests that the site originally consisted of approximately 1-foot of silty topsoil and from 1.5 to 3 feet of silty/sandy clay overburden. However, the amendment and other documents also indicate that only enough quality topsoil was stockpiled to replace an average of 8 inches during reclamation. Site observations confirm that a relatively thin layer of topsoil exists on the site.

   The applicant shall salvage all available topsoil on-site, likely less than 8 inches, prior to additional mining and reclamation disturbances. It is assumed that significant quantities of overburden do not exist on-site. Overburden, or "weathered bedrock", which could have similar properties to the original clay overburden, may be encountered during additional excavation on the lake bottoms. Layers of decomposing organic material may also be encountered during lake dewatering and excavation. However, at this time the potential quantities of these materials are not known. If these materials are available, and

suitable as a growth medium, the materials may be used to supplement previously stockpiled topsoil and used during site reclamation.

Rule 6.4.5 – Exhibit E –Reclamation Plan

4. The reclamation sequence is anticipated to be from Lamb A, south through Lamb B and Lamb C. Pit dewatering and slurry wall construction will effectively occur concurrently. For each pit, the lake shall only be dewatered once slurry wall construction has been contracted and scheduled. The lake dewatering shall occur so that additional excavation, backfill, and side slope maintenance can be performed during or prior to slurry wall construction. From previous experience at the Treiber Lakes site (M-2011-049), it is anticipated that the reclamation process of dewatering, excavation, backfill, and slurry wall construction will take 2-3 months for each lake.

Rule 6.4.7 – Exhibit G – Water Information

5. Site-specific groundwater information for the property is limited. Available site-specific and other alluvial information and evaluations are included in the attached Hydrogeologic Evaluation (see Attachment B). The evaluation provides an assessment of historic baseline groundwater conditions, potential impacts from lake dewatering and slurry wall construction, and recommendations for a groundwater monitoring plan.

   During lake dewatering, and prior to slurry wall construction, operations may affect groundwater systems hydraulically connected to the Cache la Poudre River. Replacement of river depletions to mitigate these impacts will be covered under the Substitute Water Supply Plan (SWSP) obtained from the Colorado State Engineer's Office (SEO). Additionally, a well permit for exposed groundwater in the proposed permit area has been, or will be, obtained from the SEO.

   The dewatering also has the potential to impact alluvial groundwater wells near the site. A well permit application search of the SEO database was used to locate wells near the proposed permit area. The Water Resource Map (Exhibit C-6) illustrates existing recorded well permit applications within 600 feet of the proposed permit boundary. Although there may be other wells in the area, they are not recorded with the SEO. As stated in the application, it appears that many of the wells identified within 600-feet of the proposed permit boundary were historically associated with the lands that have been mined and no longer exist.

   The Hydrogeologic Evaluation (Attachment B) suggests that significant dewatering impacts are not likely to extend much more than 650 feet from the edge of the dewatered lakes. With this impact assessment, there are few alluvial wells within the potential dewatering drawdown area to be affected. Additionally, the lakes are to be dewatered individually and only immediately prior to slurry wall construction, minimizing the extent and duration of any potential dewatering impacts.

Dewatering also has the potential to impact the Fort Collins Irrigation Canal Ditch. As described in the Hydrogeologic Evaluation (Attachment B), impacts to the Larimer and Weld Irrigation Ditch from site dewatering is unlikely due to the presence of the Cache la Poudre River. The river is assumed to be in direct hydraulic connection with the alluvial aquifer and dewatering impacts are not expected to extend east of the river. To minimize impacts to Fort Collins Irrigation Canal Ditch irrigation water, dewatering operations shall not be performed during the irrigation season when irrigation flows could be affected by pit dewatering. The irrigation season is generally considered to be May through September, but the applicant will coordinate the construction schedule with the ditch owner. Agreements are also being discussed with the ditch owner (Arthur Ditch Company) to protect the owner from potential impacts.

Although operations at the Lamb Lakes site are not anticipated to injuriously affect surrounding water rights, it is the operator's intent to operate responsibly and to mitigate damage to wells or structures that is directly attributable to mining or reclamation. A groundwater monitoring program shall be implemented to establish baseline groundwater conditions and to evaluate changes in groundwater elevation and gradient during lake dewatering and slurry wall construction. If impacts are experienced due to lake dewatering, these affects should be temporary and discontinue once dewatering operations cease and/or the slurry walls are constructed. However, if dewatering from the proposed permit area directly affects the ability of surrounding wells to pump, or canals/ditches to deliver, a full supply of water in accordance with their permitted uses, the operator will take all necessary actions to remedy the affects to the extent they were directly caused by operations at the site. Mitigation measures may include, but are not limited to:

1. Modify existing wells to operate under lower groundwater conditions. This would include re-drilling existing wells to deeper depths or lowering the pumps. All work would be done at the operator's expense with the exception of replacing equipment that was non-functional prior to mining.
2. If existing wells cannot be repaired, the applicant will drill a new well for the owner to replace the damaged well. The new well will produce water of the same quantity and quality to support the historic use.
3. Provide an alternative source of water to support the historic well or canal/ditch water use during mine dewatering.

6. Significant groundwater mounding and shadowing is not anticipated outside the Lamb Lakes property. The Hydrogeologic Evaluation (Attachment B) describes potential affects from slurry wall construction at the site and impacts from mounding and shadowing. Due to the localized nature of mounding and shadowing and the adjacent land forms and uses, impacts from mounding and shadowing are not expected. However, a groundwater monitoring program shall be implemented to establish baseline groundwater conditions and to evaluate changes in groundwater elevation and gradient following slurry wall installation.

7. The Lamb Lakes Groundwater Monitoring Plan shall be established, incorporating the recommendations presented in the Hydrogeologic Evaluation (Attachment B). The recommendations include installation of eight monitoring wells, a minimum of 18 months baseline data collection prior to additional mining and reclamation activities, and a quarterly monitoring frequency. The monitoring plan shall be used prior to, during, and following mine operations and reclamation activities at the Lamb Lakes site and shall evaluate potential mining and reclamation impacts.

   The monitoring plan shall include the installation of new alluvial wells or, if constructed appropriately, existing alluvial wells. The wells/piezometers shall be installed as soon as is practical so that baseline groundwater elevation data can be collected prior to new mining and reclamation activities. The monitoring plan, including details of well installation and surveyed well locations and elevations, shall be submitted to the Division. Additionally, once baseline data has been collected and typical groundwater elevation fluctuations can be evaluated, elevations associated with potential impacts shall be established. The monitoring plan shall be updated with the baseline data evaluation and potential impact "trigger" elevations and submitted to the Division prior to new mining and reclamation activities. All routine monitoring data shall be provided to the Division during annual reporting.

8. The aquifer affected by the Lamb Lakes mining and reclamation activities is the Cache la Poudre alluvial aquifer. No other aquifers shall be affected by the operation.

9. Prior to dewatering and any mining or other site construction activities below the groundwater table, the site SWSP shall be updated with the SEO to cover all associated depletions.

10. Water consumed during mining and slurry wall construction activities will include evaporation from exposed groundwater in dewatering trenches and potential settling basins as well as additional operational water losses from dust control and water retained in mined material hauled off-site or placed above the groundwater table. Estimates are based on only one lake being dewatered and one slurry wall being constructed per year. According to initial estimates, the maximum annual consumptive use in the proposed permit area is 10.5 acre-feet. This depletion is based on approximately 3 acres of exposed groundwater area for dewatering trenches and settling basins and a net evaporative loss of approximately 2.6 acre-feet per year. If the moisture content of the material transported off-site or placed above the groundwater table is assumed to be 4 percent by weight, and the annual mined material from the pit bottom is estimated to be 200,000 tons per year, then the annual amount of water lost in material is approximately 5.9 acre-feet. It is also estimated that approximately 2 acre-feet of water will be needed annually for dust control during mining and reclamation activities. A new SWSP for evaporation and operational losses will be obtained from the SEO prior to any new activities below the groundwater table.

The replacement of consumptive uses will be accounted for in a new SWSP administered by the SEO. Sources of replacement water include reusable municipal return flows from the East Larimer County Water District. Additional sources of replacements may include water rights owned or leased by the City of Greeley or the Tri-Districts in the Cache la Poudre basin.

Rule 6.4.9 – Exhibit I – Soils Information

11. As described in the response to Adequacy Review Comment #3, it is believed that approximately 8 inches of topsoil was replaced following initial site mining and reclamation activities. It is also assumed that no significant overburden was replaced prior to topsoil placement. It is anticipated that only 4 to 6 inches of topsoil is recoverable from the majority of the site.

Rule 6.4.10 – Exhibit J – Vegetation

12. The 1987 Home Office Pit Amendment by Sterling Sand & Gravel Company indicates that revegetation of the Lamb Lakes Site included seeding upland areas with a mixture of Western wheatgrass, Switchgrass, Big bluestem, Inland saltgrass, Indian ricegrass, and Sand dropseed. The amendment also specifies that, in the moist, low lying areas adjacent to the ponds, revegetation would include Reed canarygrass, Inland saltgrass, Alkali sacaton, and Sand dropseed. In general grasses across much of the proposed Lamb Lakes site have become well established.

    Although a detailed vegetation cover and identification study was not performed, an additional site investigation was performed in early October 2018 to better define vegetation on the site (see Attachment C). Further evaluation indicates that the major grasses populating uplands on the site are wheatgrasses, Big bluestem, and Smooth brome. Although Smooth brome was not included in the original reclamation seed mix, it was in the seed mixture used to stabilize soil stockpiles. In more moist areas, switchgrass, upland saltgrass, Alkali sacaton, and various species of rushes and sedges dominate. Mowing is still being used on-site and appears to have minimized growth of nuisance and unwanted weeds. Near the permit boundaries and lake edges, however, mowing is not performed and the grasses grow tall. Kochia is most prevalent adjacent to the unimproved roads where disturbance still occurs. In moist areas where mowing does not occur, sporadic thistle grow was observed.

    Currently, the vegetation cover serves to stabilize slopes and lake shorelines. In areas that receive regular mowing, bunch grasses are more dense than in areas where mowing is not performed. However, with or without mowing, coverage appears to be from 30 to 40 percent in upland areas. In areas not covered by upland grasses, the ground is covered with a layer of organic detritus. In moist areas, vegetation cover is almost 100 percent. The exception areas are adjacent to, and on, the unimproved roads where rock and soil are still exposed. In upland areas, especially adjacent to the permit boundary, shrubs and

trees include Siberian elm, ash, and rabbit brush. Along the lake shore, cottonwoods, willow, and Russian olive are dominant.

Rule 6.4.19 – Exhibit S – Permanent Man-made Structures

13. Proof of offering structure agreements to all owners of man-made structures within 200 feet of the affect land is provided in Attachment D. However, not all adjacent property owners with structures have accepted the applicant's structure agreement offer. As structure agreements become finalized, they will be provided to the Division.

    Since structure agreements could not be obtained from all structure owners within 200 feet of the affected area, slope stability shall be addressed prior to slurry wall construction. The lake cavities have been previously mined and reclaimed and no highwalls exist, nor will be created, on the site. According to the 1987 Home Office Pit Amendment by Sterling Sand & Gravel Company, the pits were mined to bedrock and reclaimed for wildlife habitat. To enhance the wildlife habitat, lake side slopes were reclaimed to 3H:1V slopes, with flatter 4H:1V slopes within five feet of the normal lake water surface. Wave erosion has altered the slopes slightly, but slopes below the water line appear to be 3H:1V or flatter as recommended by the Division for slope stability.

    The existing reclaimed lake slopes have remained stable since reclamation was finalized. It is expected that even once the lakes are dewatered, the slopes will remain stable during slurry wall construction. Lake draw-down rates will be controlled to prevent slope failure during dewatering. Since the geotechnical properties of the slope material is not known, and the slopes are not available for sampling, a slope stability sensitivity analysis will be performed using typical slope backfill materials to guide lake draw-down rates. Once dewatered, the slope material will be sampled and evaluated for stability during slurry wall construction and reservoir operation. In addition to the slope material, the adjacent top of bank material will be sampled and evaluated for stability as part of slurry wall design.

    The applicant believes that, in its current reclaimed condition, the property is stable. Even if failure of the lake slopes occurs during dewatering, with the bulk of existing slope material in place, slope failure would not extend to the original mining highwall or outside of the proposed permit boundary. Once dewatering is complete, material analyses and stability evaluations will be performed as part of the reservoir construction and the applicant commits to providing the analyses and evaluation results to the Division prior to construction.

Rule 1.6.2 – Notice Requirements

14. Proof of publication in newspaper is provided in Attachment C.

15. Proof of notice to all owners of record of surface and mineral rights of affected land and surface owners and easement holders within 200 feet of the affected land is provided in Attachment D.

Proof of filing this adequacy review response and attachments with the Larimer County Clerk is attached.

If you have any questions regarding this application and adequacy comment responses, please call me directly at (970) 227-2803.

Sincerely,
Blue Earth Solutions, LLC

William Schenderlein, P.E.
Project Manager

Enclosures

Letter of Transmittal

DATE: October 15, 2018

TO: Larimer County Clerk and Recorder
200 W. Oak Street
Fort Collins, Colorado 80521

Received
10/15/2018
Larimer County
Clerk & Recorder
Michelle Ferris, Deputy Clerk

FROM: Bill Schenderlein
Blue Earth Solutions, LLC
P.O. Box 2427
Fort Collins, Colorado 80522
(970) 227-2803

WE TRANSMIT:	THE FOLLOWING:	FOR YOUR:
■ Attached	☐ Originals	■ Use
☐ Information Below	■ Copy of Letter	☐ Approval
	☐ Applications	☐ Information
	☐ Specifications	☐ Review & Comment
	☐ Other	

Remarks:

Submission of this material satisfies requirements of the Mine Land Reclamation Board Regular 112 Operation Reclamation Permit Application. The enclosed application material must remain for public review at least sixty (60) days after a decision on said application has been made the Office of Mined Land Reclamation (Rule 1.6.2 (2)). Confidential materials were purposely excluded.

- One (1) copy of Adequacy Review Response Letter for DRMS application adequacy review comment letter dated September 11, 2018 – Lamb Lakes, M-2018-039 – North Weld County Water District

Signed: Will Schenderlein

Attachment A

- Revised Exhibit C-5, Pre-mining and Mining Plan Map
- Revised Exhibit C-6, Water Resources Map
- Revised Exhibit F-1, Reclamation Plan Map

PROPOSED PERMIT BOUNDARY
SITE ENTRANCE
CACHE LA POUDRE RIVER
LARIMER AND WELD IRRIGATION DITCH & ASSOCIATED INFRASTRUCTURE
SCALE HOUSE/OFFICE
NEW LIMIT OF MINING
PROPOSED PERMIT BOUNDARY
AREA FOR POTENTIAL CRUSHING/SCREENING AND TOPSOIL AND OVERBURDEN STOCKPILES
FORT COLLINS IRRIGATION CANAL DITCH & ASSOCIATED INFRASTRUCTURE
LAMB A
SEDIMENTATION SUMP
DEWATERING LINE
DEWATERING TRENCH
CACHE LA POUDRE RIVER
CONSTRUCTION BRIDGE
POUDRE RIVER TRAIL
POUDRE RIVER TRAIL
DEWATERING LINE
OVERHEAD POWER/UTILITY LINE & POLES
NEW LIMIT OF MINING
LAMB B
SEDIMENTATION SUMP
AREA FOR POTENTIAL CRUSHING/ SCREENING AND TOPSOIL AND OVERBURDEN STOCKPILES
DEWATERING LINE
EDGE OF WATER
DEWATERING TRENCH
PROPOSED PERMIT BOUNDARY
SEDIMENTATION SUMP
NEW LIMIT OF MINING
AREA FOR POTENTIAL CRUSHING/SCREENING AND TOPSOIL AND OVERBURDEN STOCKPILES
LAMB C
PROPOSED PERMIT BOUNDARY
DEWATERING TRENCH
HIGH VOLTAGE TRANSITION LINE AND EASEMENT
PROPOSED PERMIT BOUNDARY
PROPOSED PERMIT BOUNDARY

SCALE:

NORTH

400 0 400 800 1200 Feet

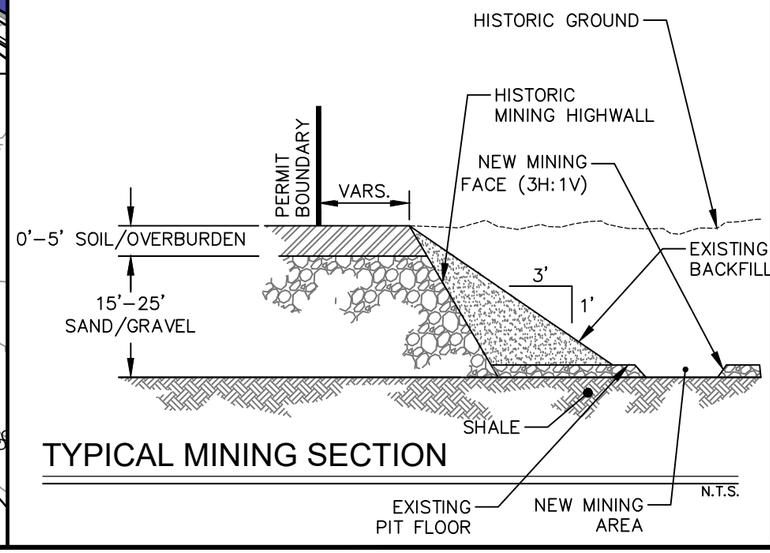
(IN FEET)
1 inch = 400 ft.

LEGEND:

- Proposed Permit Boundary
- New Mining Limit
- Proposed Monitoring Well Location

NOTES:

1. Previous mining created three mine pits from 15 to 25 feet deep that now exist as groundwater lakes.
2. All mining highwalls have been backfilled and sloped.
3. Additional grading of slopes and pit bottoms may occur to facilitate reservoir infrastructure and drainage.
4. Best Management Practices will be used to limit discharge of sediment onto adjacent properties and waterways.



TYPICAL MINING SECTION

blue earth solutions
Blue Earth Solutions, LLC
P.O. Box 2427
Fort Collins, Colorado 80522
WILLIAM SCHENDERLEIN

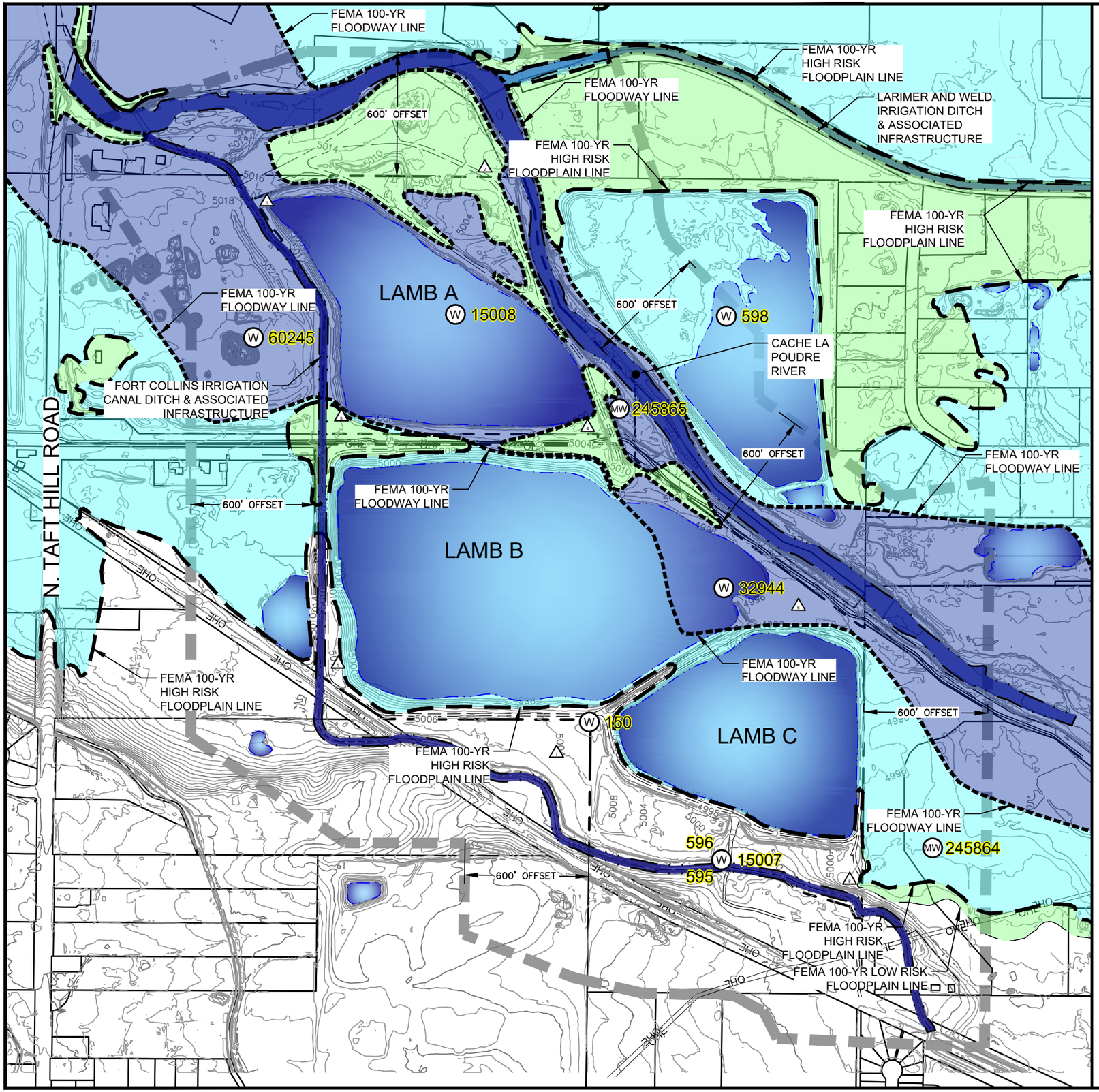
EXHIBIT C-5

PRE-MINING AND MINING PLAN MAP

LAMB LAKES
NORTHERN WELD COUNTY WATER DISTRICT
LARIMER COUNTY, CO

SHEET 5 OF 6

October 2018



SCALE:

NORTH

500 0 500 1000 1500 Feet

(IN FEET)
1 inch = 500 ft.

LEGEND:

- Proposed permit boundary
- FEAM 100–year high risk floodway
- FEMA 100–year high risk floodplain
- FEMA 100–year low risk floodplain
- Cache La Poudre River
- Water
- Proposed Monitoring Well Location

NOTES:

1. Cache La Poudre river borders the proposed permit area to the north. No mining activity is proposed within the river.
2. Although wells for domestic purposes are within 600 feet of the proposed permit area, impacts to historic use from the proposed mining operation are not expected.
3. A well permit for exposed groundwater will be obtained from the colorado division of water resources, office of the state engineer.
4. Federal Emergency Management Agency (FEMA) floodplain from flood insurance rate maps lomr 17–05–0129p (national flood insurance program, October 26, 2017).
5. All work performed in the regulatory floodplain will conform to Larimer County floodplain development regulations.
6. Wells within 600 feet of the proposed permit boundary registered with the Colorado State Engineer's Office.

Owner	Permit No.	Current Status	Primary Use	Special Use
HARNETT MARY & LAFARGE WEST	245864	Well Constructed	OTHER	MONITORING WELL
HARNETT MARY & LAFARGE WEST	245865	Well Constructed	OTHER	MONITORING WELL
LAFARGE WEST INC	60245	Permit Extended	INDUSTRIAL	
LAMB JOSEPHINE A	595	Well Constructed	DOMESTIC	
LAMB JOSEPHINE A	596	Well Constructed	DOMESTIC	
LAMB JOSEPHINE A	598	Well Constructed	DOMESTIC	
LAMB JOSEPHINE A	15007	Well Constructed	IRRIGATION	
GLASS JOHN F JR & SUSAN E	15008	Well Constructed	IRRIGATION	
KERBS L L	32944	Well Constructed	DOMESTIC	

blueearth solutions
Blue Earth Solutions, LLC
P.O. Box 2427
Fort Collins, Colorado 80522
WILLIAM SCHENDERLEIN

EXHIBIT C-6

WATER RESOURCE MAP

LAMB LAKES
NORTHERN WELD COUNTY WATER DISTRICT
LARIMER COUNTY, CO

SHEET 6 OF 6

October 2018

SCALE:

NORTH

400 0 400 800 1200 Feet

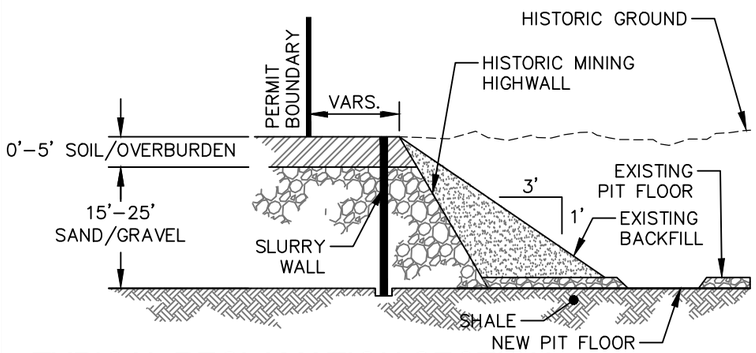
(IN FEET)
1 inch = 400 ft.

LEGEND:

- Proposed Permit Boundary
- Proposed Slurry Wall
- Proposed Monitoring Well Location

NOTES:

1. Lamb Lakes reservoir shall be constructed to meet State Engineer's Office operational performance standards.
2. Flood protection measures shall be installed prior to final reclamation.
3. In preparation for slurry wall construction, a combination road and working pad will be graded along the slurry wall alignment. The grading will produce a relatively flat, stable surface approximately 50 to 100 feet in width.
4. Slurry wall construction includes a 3 to 5–foot wide trench keyed a minimum of 2 feet into shale bedrock.
5. Slurry wall constructed with bentonite slurry, a blend of soil excavated from the trench, dry bentonite, and borrow soils.
6. Final slopes will have 3H:1V grade or flatter.
7. Best Management Practices will be used to control erosion and suspended sediment runoff from the site during reclamation activities.



TYPICAL RECLAMATION SECTION

N.T.S.

Blue Earth Solutions, LLC
P.O. Box 2427
Fort Collins, Colorado 80522
blueearth solutions
WILLIAM SCHENDERLEIN

EXHIBIT F-1

RECLAMATION PLAN MAP

LAMB LAKES
NORTHERN WELD COUNTY WATER DISTRICT
LARIMER COUNTY, CO

SHEET 1 OF 1

October 2018

Attachment B

- Lamb Lakes Hydrogeologic Evaluation

HYDROGEOLOGIC EVALUATION

LAMB LAKES

DIVISION OF RECLAMATION, MINING AND SAFETY PERMIT NO. M-2018-039

LARIMER COUNTY, COLORADO

Prepared for:
North Weld County Water District
32825 County Road 39
Lucerne, Colorado 80646

October 2018

Blue Earth Solutions, LLC
P.O. Box 2427, Fort Collins, CO 80522

HYDROGEOLOGIC EVALUATION

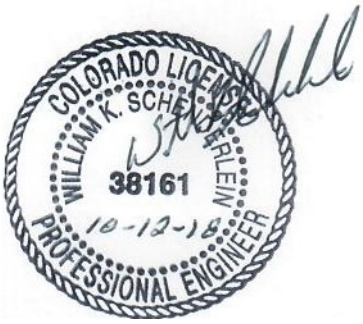
LAMB LAKES

DIVISION OF RECLAMATION, MINING AND SAFETY
PERMIT NO. M-2018-039

LARIMER COUNTY, COLORADO

This report was prepared by me or under my direct supervision, and to the best of my knowledge is complete and correct. The Hydrogeologic Evaluation has been prepared in accordance with good engineering practices. I am a duly registered Professional Engineer under the laws of the State of Colorado.

This certification in no way relieves the owner or operator of the Lamb Lakes Site of his/her duty to fully implement the requirements of Permit No. M-2018-039 or other responsibilities in accordance with all applicable rules and regulations.



William Schenderlein
Project Engineer
Blue Earth Solutions, LLC
Colorado PE # 38161

HYDROGEOLOGIC EVALUATION FOR THE NORTH WELD COUNTY WATER DISTRICT
LAMB LAKES SITE
LARIMER COUNTY, COLORADO

1.0 INTRODUCTION

This evaluation provides a hydrogeologic assessment of the alluvial groundwater conditions across the Lamb Lakes Site (M-2018-039) project area. The evaluation has been prepared for submittal to the Colorado Division of Reclamation, Mining and Safety in response to adequacy review comments dated September 11, 2018.

The Lamb Lakes proposed permit area was historically mined for alluvial sand and gravel in three distinct mine areas and currently consists of three separate groundwater lakes; Lamb A, Lamb B, and Lamb C (**Figure 1**). Complete mining and reclamation of the proposed permit area will consist of lake dewatering, additional excavation, selected slope backfilling, and slurry wall construction. With final slurry wall construction, the historic mining areas will effectively be separated from the surrounding alluvial groundwater system, making the pits available for future below-grade water storage. Adjacent properties are primarily rural and semi-rural residential and agricultural uses. The Cache la Poudre River runs from northwest to southeast along the eastern boundary of the site. The Fort Collins Irrigation Canal Ditch diverts water from the Cache la Poudre River immediately north of the site and the ditch flows along the eastern and southern edges of the site. The Larimer and Weld Ditch also diverts water from north of the site, but the ditch diverts east of the river and flows away from the site.

This evaluation will address adequacy review comments related to Exhibit G, Water Information, of the Minerals Rules and Regulations of the Colorado Mined Land Reclamation Board for the Extraction of Construction Materials. Specifically, the evaluation provides (1) a hydrologic impact analysis to demonstrate the radius of influence of the dewatering operation for current and future mining and reclamation phases, (2) an estimation of the static groundwater elevation at the site assuming no dewatering, and (3) recommendations to be included in a groundwater monitoring plan.

2.0 HYDROGEOLOGICAL CHARACTERIZATION

The final mining and reclamation at Lamb Lakes will occur in three phases. Each of the three lakes will be individually dewatered during separate slurry wall construction periods. Prior to future lake dewatering and slurry wall construction, piezometers should be installed around the perimeter of the site to record baseline groundwater elevations. The piezometers should stay in place and be used to monitor fluctuations in groundwater elevations during and after slurry wall construction.

2.1 Regional Geologic Setting

The Lamb Lakes Site is located in the Colorado Piedmont Physiographic Province between the Southern Rocky Mountain Province to the west and the Great Plains Province to the east. The proposed permit area is located along the Cache la Poudre corridor and floodplain.

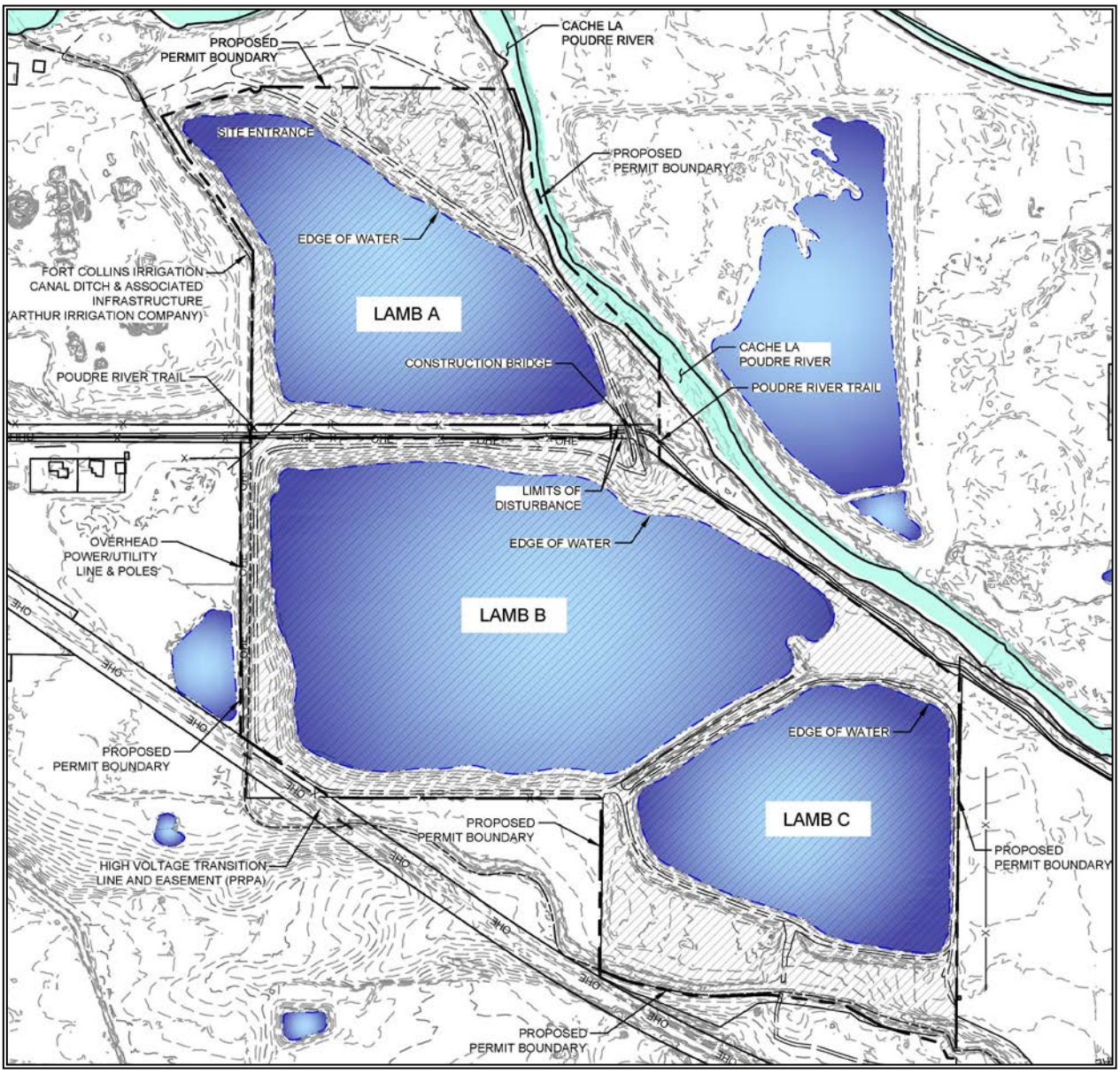


Figure 1. Lamb Lakes Site

The western most boundary of the Cache la Poudre basin originates at the Continental Divide in Rocky Mountain National Park and drains east through the Rocky Mountain Front Range foothills and into the relatively flat topography of eastern Larimer County. The Cache la Poudre River alluvium is reported to be fairly consistent on and near the site, generally ranging near 20 feet in thickness (Robson 2000).

The Quaternary age valley fill is composed of sand and gravel deposits of the Piney Creek and Post Piney Creek alluvium laid down by the river (Robson 2000). Drill logs from the property indicate that the alluvium is consistently between 15 and 25 feet thick and consists of unconsolidated clay, silt, sand, and gravel. The Cache la Poudre alluvium is underlain by relatively impermeable Pierre Shale bedrock of Cretaceous age. The shale is a thick sequence of clayey to silty marine shales containing fossils and local beds of limestone. Where not previously disturbed by mining or other activities, the alluvial deposits are covered by up to three

feet of clay overburden (Empire 1975). In undisturbed areas, as much as a foot of topsoil exists (Empire 1975). However, the historic mining and reclamation activities on the site have significantly influenced soil and overburden structure and depth.

Groundwater in the Cache la Poudre alluvium near the site generally has a saturated thickness less than 20 feet, is less than 10 feet below the land surface, and is under unconfined water table conditions (Robson 2000 and Empire 1975). The groundwater in the alluvium adjacent to the river represents a stream-aquifer system in which the groundwater and the surface water are in close hydraulic and hydrologic connection. The static water table fluctuates seasonally and year to year, but is generally no higher than the top of the alluvial sand and gravel deposit. The groundwater is tributary to the Cache la Poudre River and generally flows from west to east through the alluvium, parallel to and slightly towards the river (Robson 2000).

The Cache la Poudre River is used extensively for irrigated agriculture in the valley and on the adjacent lands. Water is supplied for irrigation by diversion of surface flow directly from the river and its tributaries through a network of irrigation canals and ditches. Pumping by shallow wells for domestic use and irrigation represents a principal source of alluvial groundwater depletion. The primary source of alluvial aquifer recharge is the river and its tributaries. Recharge to the alluvial aquifer also consists of infiltration of diverted ditch flows, applied irrigation water and deep percolation of precipitation. Water levels in the aquifer in close proximity to the river channel can be influenced by changes in stream flow over a short period of time, whereas water levels in the aquifer distant from the river are likely influenced by changes in stream flow over the long term and an overall increase in availability of surface water for irrigation.

2.2 Site Conditions

Information on the subsurface conditions for the project site was derived from site boring logs (Empire 1975) and associated sample analyses performed prior to the original mining activities. Additional subsurface, groundwater, and alluvial aquifer characteristics were obtained from published studies and reports prepared by federal and State water resource agencies. Selected reference material is provided in **Appendix A**. Records were also obtained from the Colorado Division of Water Resources, Office of the State Engineer (SEO) for site and nearby alluvial well information. Geotechnical information from slurry wall construction at the Treiber Lakes site was also used for alluvial characterization.

During the August 1975 geotechnical investigation (Empire 1975) exploration holes were drilled to define sand and gravel reserves for the mining and reclamation operation. The drilling included a total of 6 holes on or near the site. Applicable data from the report are summarized in **Table 1** and the report and other selected geotechnical information is provided in **Appendix B**. Although the 1975 exploration provides estimates of alluvial thickness and groundwater elevations, sieve analyses and other geotechnical evaluations were not available. Generally, however, the report describes the overburden as a damp clay containing varying amounts of silt and sand extending from 2.5 to 4 feet below the ground surface. The alluvial material is generally less than 20 feet thick, consists of well-graded sand and gravel with cobbles and boulders up to 18 inches in diameter (Empire 1975). Overall, the samples indicate that the characteristics of the alluvium are somewhat consistent across the site. The upper one-foot of the underlying claystone material is weathered, but the deeper material is described as firm (Empire 1975). This clay layer is interpreted to be the underlying Pierre Shale bedrock (Robson 2000).

The description of the material suggests that the bedrock behaves as an aquitard (low permeable barrier) for the overlying alluvial aquifer.

Table 1
Summary of August 1975 Bore Hole Data

Bore Hole	Approximate Ground Surface Elevation (feet amsl)	Overburden Thickness (feet)	Approximate Groundwater Elevation (feet amsl)	Approximate Bedrock Elevation (feet amsl)	Saturated Thickness (feet)
No.1	5017	1	5011	5001	10
No.4	5017	4	5011	4993	18
No.5	5010	1	5001	4987	14
No.7	5016	3	5013	4998	15
No.8	5008	4	5005	4990	15
No.9	4998	4	4994	4977	17
Average		2.8			14.8

(1) Exploration holes within Lamb Lakes proposed permit area
(2) Ground surface elevations estimated from Google Earth and post-mining topography
(3) amsl = above mean sea level

2.3 Alluvial Aquifer Characterization

The exploration borings and other available information were used to construct a conceptual hydrogeologic model of the site prior to the historic mining operations. For the purpose of characterizing the hydrogeologic conditions for the site, the subsurface materials can be subdivided into three units: a clay/sandy clay overburden, permeable unconsolidated sand and gravel, and low permeability bedrock. Bedrock is covered by alluvium throughout the property. In general, the thickness of the alluvium ranges from approximately 14 to 22 feet across the project site. Local fine-grained clay or silty clay zones occurring as laterally continuous beds within the alluvium are not apparent in the available exploration borings. Therefore, the subsurface information suggests that the alluvium can conceptually be considered one aquifer.

Unfortunately, data from the exploration borings or other available published reports does not provide specific information regarding seasonal or annual groundwater elevation fluctuations. Consistent with typical alluvial systems along the Colorado Front Range, it is likely that groundwater on the property is consistently at its lowest elevation during winter months. During the spring and summer months, possibly in response to recharge from high river runoff flows and agricultural irrigation, groundwater elevations would be expected to rise across the property to their highest elevations.

Groundwater elevations and average estimates of the alluvial saturated thickness taken from the site exploration data (Empire 1975) are consistent with values obtained from published data for the Cache la Poudre River (Robson 2000). Reference material (Robson 2000) suggests that the alluvial groundwater elevation across the site should be about 5000 feet above mean sea level (amsl) with annual and seasonal fluctuations of several feet and a saturated thickness of less

than 20 feet. Similarly, Robson (2000) suggest that the alluvial groundwater gradient is about 0.005 (0.5 feet decline per 100 feet of horizontal distance) from northwest to southeast across the site.

Groundwater information collected from the site exploration data (Empire 1975) indicates that the alluvial groundwater elevation on the site is between 4994 and 5013 amsl with a saturated thickness ranging from 10 to 17 feet and averaging about 15 feet. Based on results from the subsurface investigation, published reference material, and well data from the SEO database, typical groundwater elevations were estimated for the site and are presented as surface contours in **Figure 2**. The alluvial groundwater contours in **Figure 2** are considered typical, may not correlate exactly to the bore hole groundwater elevations collected at the time of the 1975 subsurface investigation, and would be expected to fluctuate seasonally by several feet.

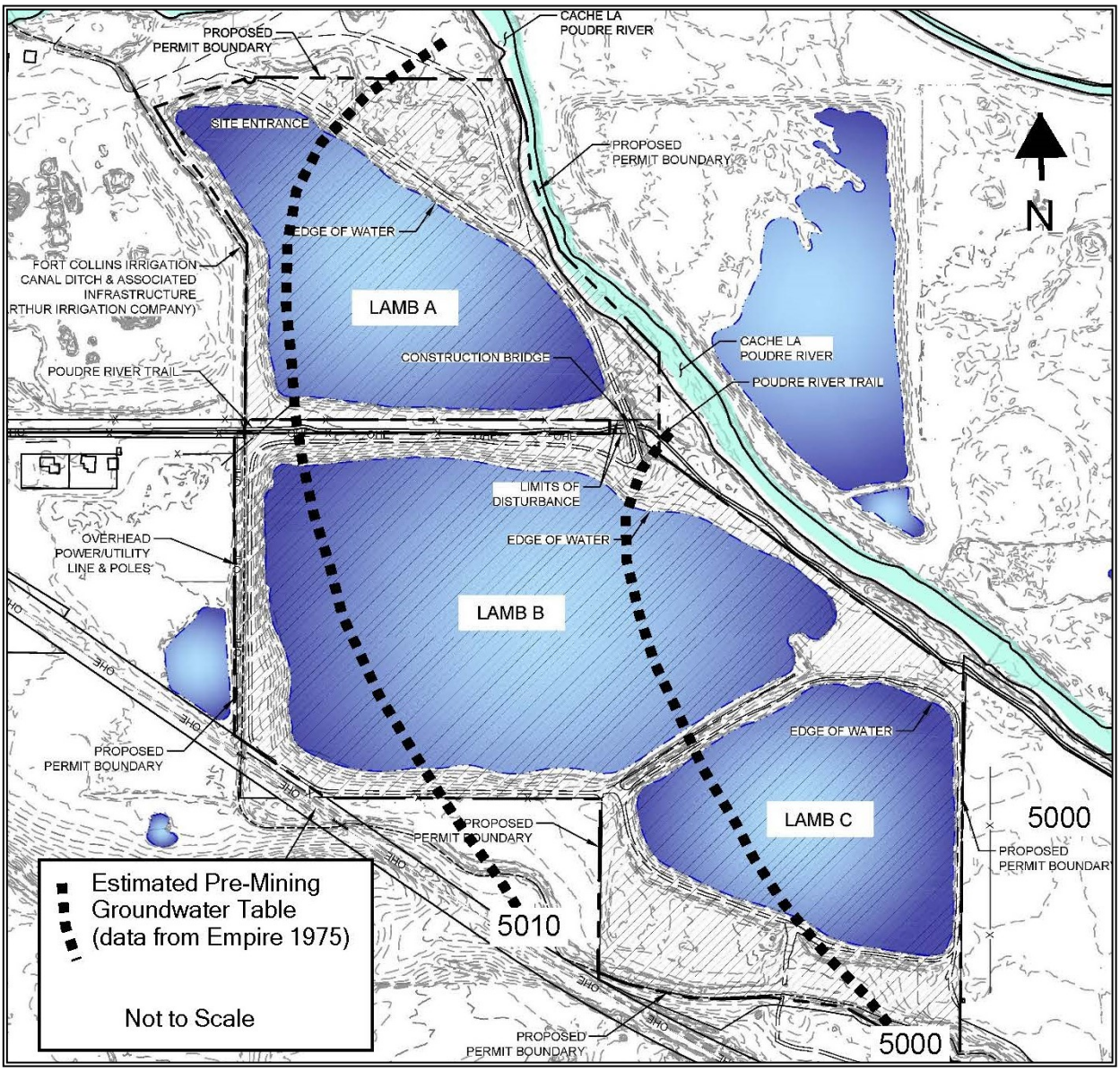


Figure 2. Lamb Lakes – Pre-Mining Groundwater Table Estimate

Without specific geotechnical evaluations and sieve analyses from the site, information from the Treiber Lakes Site (M-2011-049) was used to estimate the hydraulic conductivity for the aquifer (**Table 2**). Geotechnical data, including grain-size distributions from the alluvial samples was collected at the Treiber Lakes Site (approximately one mile west of the Lamb Lakes Site) in 2012 for slurry wall construction (EnviroGroup 2012). Calculated hydraulic conductivity values from two different methods were used and, if applicable, compared. The Hazen Method (Fetter 1994) is a simple calculation relating the D10 size of the soil to hydraulic conductivity. The Beyer Equation (Kresic 2006) calculates hydraulic conductivity using the D10 particle size and uniformity coefficient of poorly sorted porous media. Results from the bore hole samples estimate that the hydraulic conductivity of the alluvium is between 9 and 64 feet/day.

Although published data for alluvial hydraulic conductivity is rare, a United States Geological Survey report (Schneider 1983) found hydraulic conductivities for the northern Front Range South Platte River alluvium and its tributaries (including the Cache la Poudre River) typically range from 15 to 300 feet/day. Additionally, during slurry wall construction at Treiber Lakes, the aquifer conductivity was estimated to be approximately 28 ft/day (Tetra Tech 2015). Records from the SEO for domestic and agricultural wells near the property generally indicate low yields during well construction, with saturated thicknesses of 10 to 15 feet and pumping rates of about 15 gallons per minute, suggesting a relatively low alluvial hydraulic conductivity.

Based on available information, a bulk hydraulic conductivity value of 30 feet/day was used for potential dewatering impact evaluations. This value is within the bulk hydraulic conductivity range provided by Schneider (1983) and is consistent with wells yields reported in SEO well construction documents.

Table 2
Summary of August 2009 Bore Hole Gradation Data (Miller 2009)

Bore Hole	D10 (1) (mm)	D50 (2) (mm)	D60 (3) (mm)	Uniformity Coeff.(4)	Hydraulic Conductivity(5) (feet/day)
BH-1	0.15	1.3	2.1	14	64 51
BH-7	0.07	1.2	2.1	30	14 9
BH-9	0.10	2.1	3.5	35	28 17

(1) 10% of the particles in the sample are smaller than this diameter.
(2) 50% of the particles in the sample are smaller than this diameter.
(3) 60% of the particles in the sample are smaller than this diameter.
(4) Uniformity Coefficient = D60/D10
(5) Method results for estimating hydraulic conductivity: Hazen Method from Fetter 1994 (top)/Beyer Method from Kresic 2006 (bottom)

3.0 POTENTIAL DEWATERING IMPACTS

To estimate potential impacts from mine dewatering operations, the steady-state two-dimensional analytical solution of Marinelli and Niccoli (2000) was used for each phase of the mine plan. The analytical solution estimates radial groundwater flow toward a circular pit and assumes that drawdown occurs within a homogeneous, isotropic aquifer of infinite extent. Other important assumptions include (1) groundwater flow is steady state, unconfined, horizontal, and radial, (2) recharge is uniformly distributed and captured within the radius of influence, (3) the aquifer extends significantly beyond the radius of influence, and (4) the base of the pit is coincident with the base of the aquifer and there is no flow through the pit bottom. Review of the site hydrogeologic characterization (Section 2) suggests that these assumptions are reasonably satisfied. Deviations from these assumptions are described in more detail below.

The analytical solution for groundwater saturated thickness in the aquifer adjacent to a mine dewatering operation is given as:

$$h = \sqrt{h_p^{\,2} + \frac{W}{K_h}\left[r_i^{\,2}\ln\left(\frac{r}{r_p}\right) - \left(\frac{r^{\,2} - r_p^{\,2}}{2}\right)\right]}$$

where

h is saturated thickness above the pit base at r (radial distance from pit center) [L],
h_p is saturated thickness above the pit base at r_p (at the mine wall) [L],
W is distributed recharge flux [L/T],
K_h is horizontal hydraulic conductivity of surrounding geologic materials [L/T],
r_i is radius of influence (maximum extent of the cone of depression) [L],
r is radial distance from pit center [L],
r_p is effective pit radius [L].

Given input values of h_p, W, K_h, r_p, and initial (pre-mining) saturated thickness above the pit base (h at r_i), the radius of influence (r_i) can be determined through iteration by setting r equal to r_i. Once r_i is determined, h can be calculated for any radial distance from the pit, and drawdown can be calculated as pre-mining h minus calculated h at r.

Key parameters in the analysis include the alluvial aquifer saturated thickness at the pit wall prior to dewatering impacts, hydraulic conductivity (K_h), and recharge (W). Pre-mining aquifer characteristics were discussed previously in Section 2, including an alluvial groundwater saturated thickness of 15 feet (h at r_i) and hydraulic conductivity of 30 feet/day (K_h). Additionally, it was assumed that the alluvial groundwater saturated thickness is drawn down to 2 feet at the pit wall (h_p at r_p) during dewatering.

Recharge flux within the radius of influence (W) was estimated based on annual precipitation (WRCC 2018) and inputs from irrigated agriculture (CSU 2009). Annual precipitation in the region averages 15.1 inches/year (WRCC 2018). With the majority of precipitation occurring during sporadic, high intensity thunderstorms, it was assumed that 20 percent contributes to alluvial groundwater recharge. The recommended average annual water need for grass pasture crops in the Longmont/Greeley area is about 26 inches/year (CSU 2009). Irrigation, therefore, must contribute 10.9 inches/year to make up for the precipitation deficit. Considering the soaking nature of irrigated agriculture, it was assumed that 50 percent of the irrigation water contributes to the aquifer recharge.

To estimate the potential dewatering impacts, the radius of influence was assumed to extend to a point where analysis results showed an alluvial groundwater drawdown of approximately 20 percent of the saturated thickness or 3 feet. This assumption is also reasonable considering groundwater elevation and saturated thickness can vary up to several feet seasonally.

Within the estimated radius of influence, obstructions will increase and decrease the affects of dewatering. To the northeast, the Cache la Poudre River borders the site boundary. It is assumed that the river is in direct connection with the alluvial groundwater and, therefore, continuous recharge from the river will significantly influence the affects of dewatering. Impacts from dewatering will not extend north or west of the river, and the radius of influence will be reduced immediately south and east of the river due to the increased recharge flux.

Alluvial aquifer saturated thickness and recharge are very important parameters in the analytical solution. In addition to assumptions made estimating the saturated thickness and input from recharge, these two parameters also vary seasonally and from year to year. Values for the parameters, however, are used in the analytical solution based on annual averages. Therefore, variability in these parameters will make observed impacts from the analytical solution differ seasonally and year to year. Additionally, affects from obstructions such as seasonal recharge from the river and irrigation canals such as the Fort Collins Irrigation Canal Ditch are not considered in the analytical solution. Considering all assumptions and parameter variability, it needs to be noted that results of the analytical solution should only be taken as a rough approximation of potential dewatering impacts and alluvial groundwater elevation monitoring is recommended to evaluate actual groundwater impacts.

For the Lamb Lakes dewatering analysis, it is assumed that only one lake will be dewatered at a time with each lake creating a circular pit with a radius of 600 feet. Based on available information and parameter assumptions, the unobstructed radius of influence was estimated to extend over 1300 feet beyond the outer-most cell wall with dewatering flows from the cells of almost 130 gallons per minute. However, if three feet of drawdaown from the existing groundwater surface is considered to be the significant affect, the significant radius of influence was estimated to be approximately 650 feet from the cell walls (**Figure 3**). Drawdown of the alluvial groundwater elevation is illustrated in **Figure 4** and the spreadsheet analysis results are included in **Appendix C**.

As discussed above, the drawdown affects will be reduced by the Cache la Poudre River recharge and drawdown affects will not extend north or west of the river. The result of these affects on the radius of influence has been estimated in **Figure 4**. Although **Figure 4** presents an estimate of potential dewatering impacts, alluvial groundwater elevation monitoring is recommended to evaluate actual impacts.

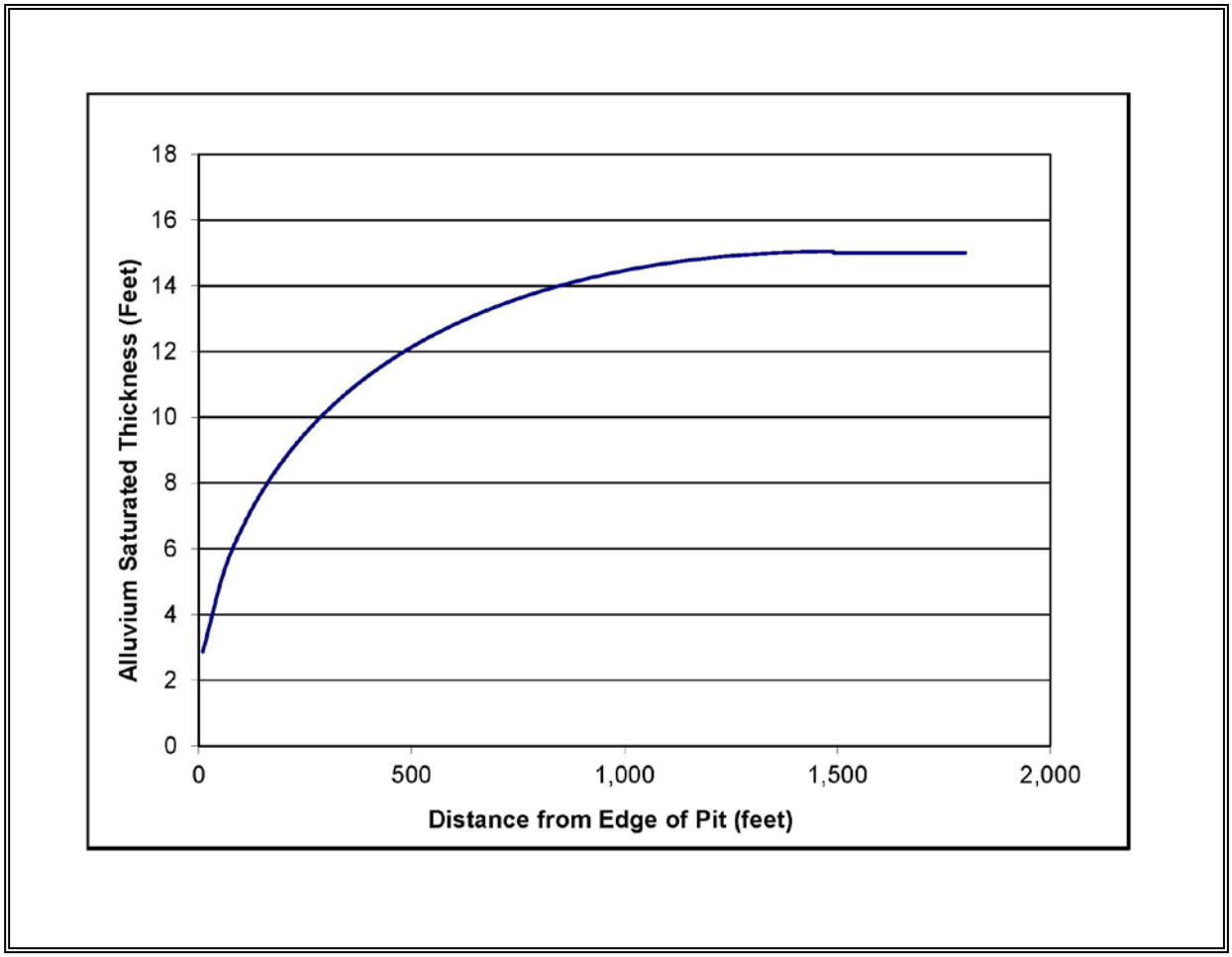


Figure 3. Estimated Groundwater Drawdown from Edge of Dewatered Lakes

4.0 POTENTIAL SLURRY WALL IMPACTS

Once a slurry wall liner is constructed around an existing groundwater lake, impacts to the adjacent groundwater table from lake surface evaporative losses and/or pit dewatering will cease. The lined reservoir will influence alluvial groundwater flow near the slurry wall, but these influences are typically localized. As described in Section 2, groundwater conditions at the Lamb Lakes property are generally similar to most alluvial aquifers along the Colorado Front Range; exhibiting significant transmissivity and low gradient. Groundwater flow is in the same direction as, and towards, the river (see **Figure 2**). The alluvial groundwater elevation and flow direction in these systems are typically influenced by fluctuations in river flow, direct precipitation and infiltration, agricultural irrigation, and withdrawals from water wells.

Mounding and shadowing refer to a slightly higher or lower normal groundwater elevation, respectively, and can be caused by obstructions to the natural alluvial groundwater flow regime. Once a slurry wall is complete, and based on the estimated groundwater flow regime, mounding is anticipated west and northwest, or upgradient, of the slurry walls and shadowing is expected east and southeast, or downgradient of the reservoirs. Although it is difficult to quantify exact elevation changes, these groundwater elevation effects are expected to be most pronounced immediately adjacent to the slurry walls, with groundwater returning to normal elevations over

relatively short distances away from the slurry wall. At similar sites within the South Platte River alluvium, mounding and shadowing groundwater elevation changes of 2 to 3 feet have been observed adjacent to constructed slurry walls. However, the groundwater elevations generally return to normal gradients within several hundred feet of the slurry walls.

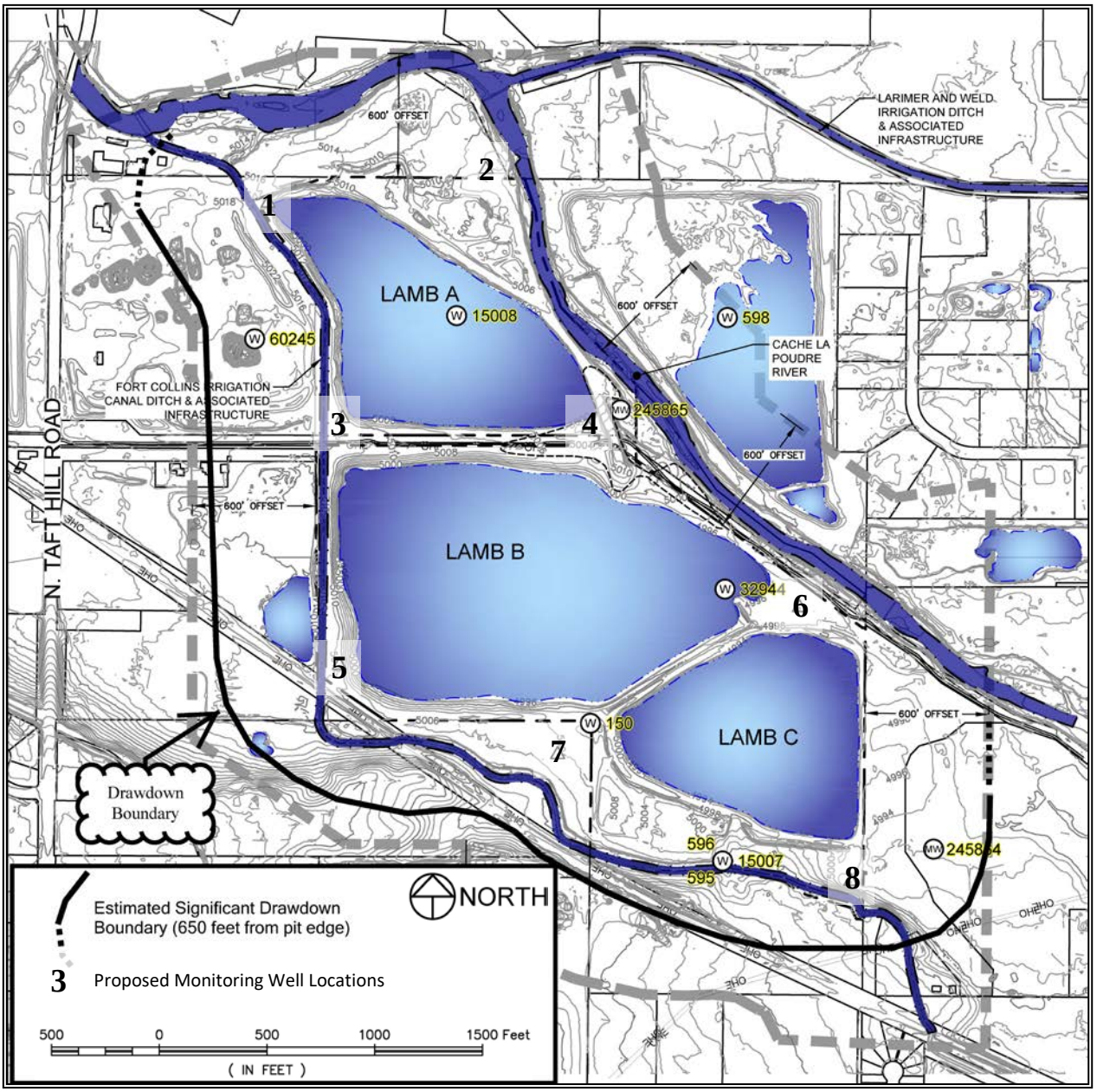


Figure 4. Estimated Significant Groundwater Drawdown Boundary and Proposed Monitoring Well Locations

Immediately upgradient (west and north) of Lamb Lakes, properties owned by Martin Marietta Materials and Richard Connell primarily contain active mining operations or rural agricultural activities. To the west of Lamb A and Lamb B, the land surface is, and appears to have historically been, about 5 to 10 feet above the normal groundwater elevation. The relatively high depth to groundwater would help to minimize any surface impacts from potential groundwater

mounding. Additionally, no structures are known to exist within these properties that could be affected by potential groundwater mounding. Similarly, southwest of Lamb B and Lamb C, the land surface elevation, and depth to groundwater increases quickly from the lakes and alluvial floodplain.

The Fort Collins Irrigation Canal Ditch runs along the west and south property boundaries. The ditch is typically about 4 feet deep and does not appear to be lined. It is reasonable to assume that, while the ditch is carrying water, seepage increases groundwater elevations and gradients flowing to the south and southeast. Construction of slurry walls immediately downgradient from the ditch would likely slow a major portion of the seepage and maximize flows through the ditch. However, if the ditch flows are maintained at the same rate/elevation as operated historically, slurry wall effects to groundwater would not be anticipated west or south of the ditch.

Shadowing impacts downgradient of Lamb Lakes are not likely. It is assumed that the Cache la Poudre River is in direct hydraulic connection with adjacent alluvial groundwater. Immediately northeast and east of the site, the river would be expected to minimize most shadowing effects from the slurry walls. Similarly, impacts from shadowing are not anticipated east of the river.

Since it is difficult to anticipate and quantify exact mounding and shadowing groundwater elevation changes, alluvial groundwater elevation monitoring is recommended. Since mounding and shadowing would occur following site reclamation, it is important that any monitoring program include wells that are not destroyed by mining or reclamation activities.

5.0 GROUNDWATER MONITORING

Routine groundwater elevation measurements and evaluation of potential dewatering and slurry wall impacts is recommended as part of a comprehensive groundwater monitoring plan Recommendations provided here define monitoring procedures and methods to be used during mine operations and reclamation activities at the Lamb Lakes Site to ensure monitoring data is accurate and representative of actual field conditions.

Based upon preliminary assessment of the site hydrogeologic characteristics, the monitoring plan should include the installation of new alluvial wells or, if constructed appropriately, existing alluvial wells. The monitoring wells shall penetrate the entire alluvial aquifer. The screened interval and surrounding filter pack shall allow for seasonal groundwater fluctuations and enable accurate depth to water data collection. The surface seal around the well shall be made of bentonite or other impermeable material that prevents surface water from directly draining to the well or filter pack. Wells to be included in the monitoring plan shall be surveyed to provide well coordinates and top of casing elevations (measuring point elevations) so that groundwater elevations can be used for potential groundwater impact evaluations.

Approximate locations for alluvial wells to be included in the monitoring plan are illustrated on **Figure 4**. Locations identified in the figure are approximate, and actual monitoring well locations may vary depending upon the potential inclusion of existing wells and property use restrictions. If necessary, it is assumed that permission can be obtained from landowners to locate wells outside the permit boundary. Eight wells should be placed outside of the anticipated mining and reclamation activities, but within the estimated dewatering radius of influence Dewatering and slurry wall impacts are not anticipated north and east of the Cache la Poudre River and, therefore, wells are not proposed across the river from the property.

Eight wells in the locations described are recommended for inclusion in the groundwater monitoring plan to evaluate general dewatering and slurry wall impacts. At the owner's discretion, extra wells may be added to the monitoring plan to evaluate groundwater impacts from specific mining, reclamation, or other aspects of property development. Additionally, wells may be added to the monitoring plan to specifically evaluate pre-existing or anticipated dewatering or slurry wall issues on adjacent properties.

Since baseline groundwater elevation information is not established, it is recommended that the monitoring wells be installed, and the groundwater monitoring program be initiated, a minimum of 18 months prior to new mining and reclamation activities at the site. Groundwater elevation monitoring should be performed quarterly. In addition to assessing baseline conditions and impacts from mining and reclamation activities, data evaluations may also consider potential changes to monitoring locations and frequency.

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APPENDIX A

Selected Reference Material

Colorado State University
Extension

Seasonal Water Needs and Opportunities for Limited Irrigation for Colorado Crops

Fact Sheet No. **4.718** Crop Series | **Irrigation**

by J. Schneekloth and A. Andales*

Crop water use, consumptive use and evapotranspiration (ET), are terms used interchangeably to describe the water consumed by a crop. This water is mainly used for cooling purposes; a negligible amount is retained by the crop for growth. For more information on ET refer to Colorado State University Extension Fact Sheet 4.715, *Crop Water Use and Growth Stages.*

Water requirements for crops depend mainly on environmental conditions. Plants use water for cooling purposes and the driving force of this process is prevailing weather conditions. Different crops have different water use requirements, under the same weather conditions. Crops will transpire water at the maximum rate when the soil water is at field capacity. When soil moisture decreases, crops have to exert greater forces (energy) to extract water from the soil. Usually, the transpiration rate doesn't decrease significantly until the soil moisture falls below 50 percent of available water capacity.

Knowing seasonal crop water requirements is crucial for planning your crop planting mixture, especially during drought years. For example, in the Greeley area, the seasonal water use of sugar beets is 30 inches, while corn uses only 22 inches of water. That means to fully irrigate sugar beets you need to apply 36 percent more water as compared to corn. These water requirements are net crop water use, the amount that the **crop will use** (not counting water losses) in an average year, given soil moisture levels don't fall below critical levels. Under ideal conditions, this net water requirement is reduced by the effective rain, which for the Greeley area is 7 inches for the growing season.

The rest of the crop water requirement must be supplied by irrigation. No irrigation system is 100 percent efficient, so to apply the net water requirement to the entire field, increase the amount of water or multiply by the efficiency (or inefficiency) of the irrigation system. Looking at the above example, the net water requirements, after subtracting effective rain, are 23 inches for sugar beets and 15 inches for corn. If the irrigation system is 85 percent efficient, apply 27 inches (gross irrigation amount) to the sugar beets crop and 17.6 inches to the corn crop to store the net water requirement in the crops' root zone. Now the difference between the seasonal gross water requirements of sugar beets and corn is 52 percent. The difference in the gross irrigation requirement amounts increases as the irrigation system efficiency decreases.

Net Crop Water Requirement

Net crop water requirement is estimated using models that are based on weather variables. Estimate seasonal crop water requirement by using these models and averaging weather conditions over many years. This will create an average weather year. Tables 1 and 2 are a summary of net water requirements of different crops and effective precipitation for different locations in eastern Colorado and western Colorado, respectively. To figure the net irrigation requirement, subtract the effective rain (Average Effective Precipitation from Tables 1 and 2) from the net crop water requirement. The gross irrigation water requirement is the net irrigation requirement divided by the irrigation system efficiency (fraction of one). For example, corn for grain in Burlington requires 26 inches of water. Effective precipitation is 11.28 inches for the season; therefore the net irrigation requirement is 14.72 inches. The gross irrigation requirement for a center pivot with 80 percent irrigation efficiency is 18.4 inches. For a furrow irrigation system with 55 percent irrigation efficiency, the gross irrigation requirement is 26.7 inches.

*J. Schneekloth, Colorado State University Extension water resource specialist, U. S. Central Great Plains Research Station, Akron, Colorado; A. Andales, Colorado State University assistant professor, soil and crop sciences. 9/2009

Quick Facts

- Knowing seasonal crop water requirements is crucial for planning your crop mixture.
- Net crop water requirements are estimated using models, based on weather variables.
- To irrigate for the greatest return, producers need to understand how crops respond to water, how crop rotation enhances water availability, and how changes in agronomic practices affect water needs.

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Table 1. Estimated seasonal water requirement (consumptive use) in eastern Colorado (inches/season).

	Burlington	Byers	Cheyenne Wells	Colo. Springs	Holly	Greeley	Lamar	Longmont	Rocky Ford	Springfield	Sterling	Trinidad	Wray
Alfalfa	35.64	32.13	36.14	30.04	39.34	31.58	39.06	30.91	37.75	37.44	35.24	33.29	35.24
Grass hay/pasture	31.06	27.45	31.74	26.04	34.66	26.63	34.16	26.17	32.92	32.61	28.01	28.10	30.92
Dry beans	19.22					18.42		15.83		18.75			18.75
Corn, grain	26.00		25.81	20.49	29.40		26.81	21.66	27.73	26.67		21.31	25.42
Corn, silage	22.82		22.11	18.22	26.12	21.74		19.74	24.28		20.29	19.15	
Corn, sweet						22.75			20.37				
Melons					15.85		15.80		15.13				
Potatoes						28.14							
Small vegetables					18.71	17.70	18.85		22.23				
Sorghum, grain	21.51	20.46		15.99	25.20	19.48	22.64			22.65			16.09
Soybeans													10.41
Spring grains		12.49					11.82	11.36	14.15	10.44	14.29		15.17
Sugar beets	29.98		30.43		34.83	29.31	34.27	25.48	32.70	32.28	29.99		29.99
Wheat, winter	18.99	16.42	18.55	14.06	19.65	16.38	19.30	18.46		18.64	12.53	16.14	
Av. Precipitation	16.35	18.57	16.26	15.73	15.33	12.20	5.33	12.74	12.53	15.36	14.92	12.80	18.51
Av. Effective Precipitation	11.28	10.39	11.68	10.59	10.72	7.32	11.00	6.99	8.89	10.93	6.68	8.28	12.56

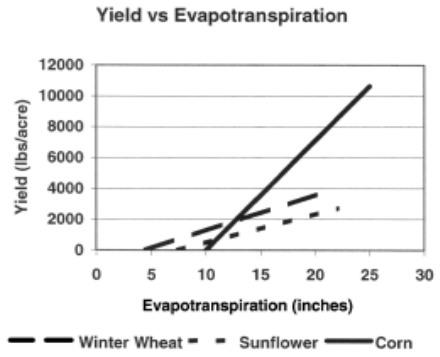


Figure 1: Yield vs. ET relationship for several irrigated crops.

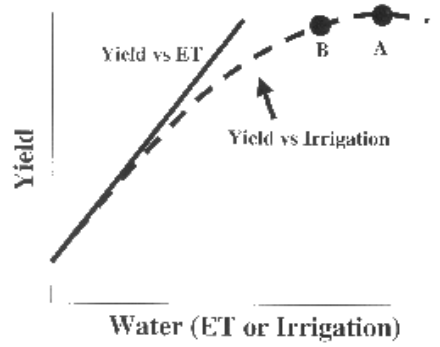


Figure 2: Generalized Yield vs. ET and Yield vs. Irrigation production functions.

In Colorado's semi-arid climate, irrigation is important to increasing ET and grain yields, supplementing rainfall in periods when ET is greater than precipitation. However, not all of the water applied by irrigation is used for ET. Inefficiencies in applications by the system result in losses. As yield is maximized, more losses occur since the soil is closer to field capacity and more prone to losses, such as deep percolation, which cause the deviation from the straight line (Figure 2). By applying less than needed for maximum yield, water can be saved. As seen in Figure 2, a reduction in water applied from point A to point B can save water with little or no yield reduction.

In Colorado's semi-arid climate, irrigation is important to increasing ET and grain yields, supplementing rainfall in periods when ET is greater than precipitation. However, not all of the water applied by irrigation is used for ET. Inefficiencies in applications by the system result in losses. As yield is maximized, more losses occur since the soil is closer to field capacity and more prone to losses, such as deep percolation, which cause the deviation from the straight line (Figure 2). By applying less than needed for maximum yield, water can be saved. As seen in Figure 2, a reduction in water applied from point A to point B can save water with little or no yield reduction.

Limited Irrigation

When water supplies are restricted in some way, so that full evapotranspiration demands cannot be met, limited irrigation results. Reasons that producers may be limited on the amount of available water include: 1.) limited capacity of the irrigation well – in regions with limited saturated depth of the aquifer, well yields can be marginal and not sufficient to meet the needs of the crop; 2.) reduced surface water storage – in regions that rely upon surface water, droughts and seasonal fluctuation affect the water allocations available for users.

When producers cannot apply water to meet the crop ET, they must realize that with typical management practices, yields and returns will be reduced as compared to a fully irrigated crop. To properly manage the water for the greatest return, producers must understand how crops respond to water, how crop rotations can enhance water availability, and how changes in agronomic practices influence water needs.

Yield vs. ET and Irrigation

Crop yields increase linearly with the water that is used by the crop (Figure 1). Crops such as corn, respond with more yield for every inch of water that the crop consumes as compared to winter wheat or sunflower. High water use crops, such as corn, require more ET for plant development or maintenance before yields are produced. Corn requires approximately 10 inches of ET as compared to 4.5 and 7.5 inches of ET for wheat and sunflower. These crops also require less ET for maximum production compared to corn.

Irrigation is important to increasing ET and grain yields. Irrigation is used to supplement rainfall in periods when ET is greater than precipitation. However, not all of the water applied by irrigation can be used for ET. Inefficiencies in applications by the system result in losses. As yield is maximized, more losses occur since the soil is nearer to field capacity and more prone to losses such as deep percolation (Figure 2). Water can be saved by applying less water than needed for maximum yield. As seen in Figure 2, a reduction in water applied from point A to point B can save water with little or no yield reduction.

When producers are faced with reduced surface water supplies, they have three management options

1. reduce irrigated acreage,
2. reduce irrigation amounts to the entire field, or
3. include different crops that require less irrigation.

Table 2. Estimated seasonal water requirement (consumptive use) in western Colorado* (inches/season).

	Canon City	Cortez	Durango	Gunnison	Fruita	Meeker	Monte Vista	Norwood	Salida	Walden
Alfalfa	39.69	29.36	27.49	17.99	36.22	23.55	23.58	23.58	24.83	12.89
Grass hay/pasture	33.49	24.74	23.17	17.12	31.44	21.43	19.85	20.40	20.90	13.61
Dry beans					19.93					
Corn, grain					25.12					
Corn, silage	22.21	17.98	16.06		22.67	17.34				
Corn										
Melons										
Orchards w/o cover crop	27.12									
Orchards w/ cover crop					25.71					
Potatoes							16.49			
Small vegetables					18.06		6.79			
Sorghum, grain										
Soybeans										
Spring grains (barley, wheat)		13.51	14.79	16.73		19.61	15.46	12.66	11.38	18.04
Sugarbeets					31.58					
Wheat, winter	18.70	20.13	18.83		18.95					
Av. Precipitation	12.99	12.90	18.59	11.00	8.30	17.06	7.25	15.73	11.37	9.56
Av. Effective Precipitation	9.28	5.09	8.34	3.80	3.98	6.19	3.93	6.05	5.66	3.02

*Colorado Irrigation Guide, 1988. Net irrigation requirement is the difference between crop consumptive use and effective precipitation.

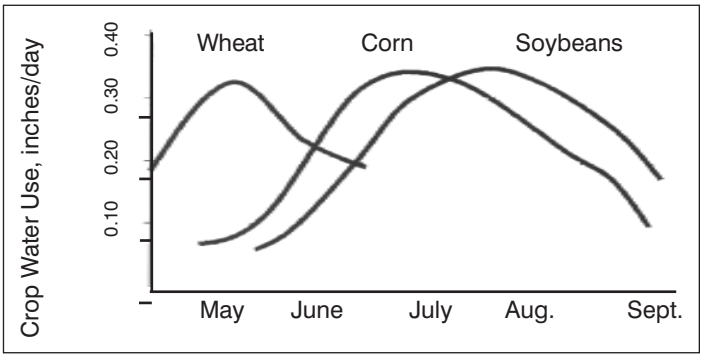


Figure 3: Example of daily ET during the growing season.

Limited Water Management – Reduced Allocations

When producers are faced with reduced surface water storage, they have three management options. They can: 1.) reduce irrigated acreage, 2.) reduce irrigation to the entire field, or 3.) include different crops that require less irrigation. Option 1 will idle potentially productive ground while option 2 will reduce yields for the irrigated acres unless precipitation is above normal. Option 3 incorporates the use of crops that require less irrigation for maximum production to apply the "saved water" for traditionally irrigated crops.

An example in Longmont would be irrigating all corn or irrigating some corn and dry beans. Corn requires 17.3 inches of irrigation (85 percent efficiency) and dry bean requires 10.4 inches. If the allocation from the ditch limits a producer to 14 inches of water, he or she could raise 80 percent of their acres to irrigated corn and the remainder in dryland production or idle. They could also raise 100 percent of available acres to corn and apply only 80 percent of the irrigation required for maximum production. The final option would be to raise 50 percent of available acres to dry bean and 50 percent to corn and maintain maximum production on all acreage.

Limited Water Management – Low Capacity Systems

When managing for maximum production, irrigation systems must have minimum capacities that meet crop water requirements during peak water use periods. (See Fact Sheet 4.704, *Center-pivot Irrigation Systems*.) If irrigation system capacities are below what is normally required, reduced yields are expected with normal precipitation. Management strategies to compensate for low capacity include pre-irrigation and beginning irrigation at higher soil moisture contents. These strategies may maintain yields in above normal precipitation years but do not help as much in below normal precipitation years. Management strategies to alleviate this problem include splitting systems into two or more crops that have different peak water needs, thus reducing the rate of water requirements during both peak periods.

Crop rotations also spread the irrigation season over a greater time period as compared to a single crop. When planting multiple crops such as corn and winter wheat under irrigation, the irrigation season is extended from May to early October as compared to continuous corn, which is predominantly irrigated from June to early September.

Crops such as corn, soybean and wheat have different timings for peak water use (Figure 3). With low capacity wells, planting multiple crops with smaller acreages allows for water to be applied at amounts and times when the crop needs the water. The net effect of irrigating fewer acres at any one point in time is that ET demand of that crop can be better met. If capacities are increased by splitting acres into crops that have different water timing needs, management can be done to replace stored soil moisture rather than maintaining soil moisture near field capacity in anticipation of crop ET since the system will not meet ET.

Another option is to plant the entire pivot or field to a single crop. Irrigation management with low capacity systems requires that a producer maintain soil moisture at or near field capacity when ET is less than what the system can apply. When the ET for the crop is greater than the capacity of the system, plants will use stored soil moisture to maintain ET. This type of management is necessary to insure that moisture will be available for plants when they reach the reproductive growth stage. However, if precipitation is less than anticipated, soil moisture may be less than 50 percent of available during the reproductive growth stage and yields will be reduced.

Colorado State University, U.S. Department of Agriculture and Colorado counties cooperating. CSU Extension programs are available to all without discrimination. No endorsement of products mentioned is intended nor is criticism implied of products not mentioned.

Back to:
State Map | Western U.S. map | Home Page

NOTE:
To print data frame (right side), click on right frame before printing.

1981 - 2010

- Daily Temp. & Precip.
- Daily Tabular data (~23 KB)
- Monthly Tabular data (~1 KB)
- NCDC 1981-2010 Normals (~3 KB)

1971 - 2000

- Daily Temp. & Precip.
- Daily Tabular data (~23 KB)
- Monthly Tabular data (~1 KB)
- NCDC 1971-2000 Normals (~3 KB)

1961 - 1990

FT COLLINS, COLORADO (053005)

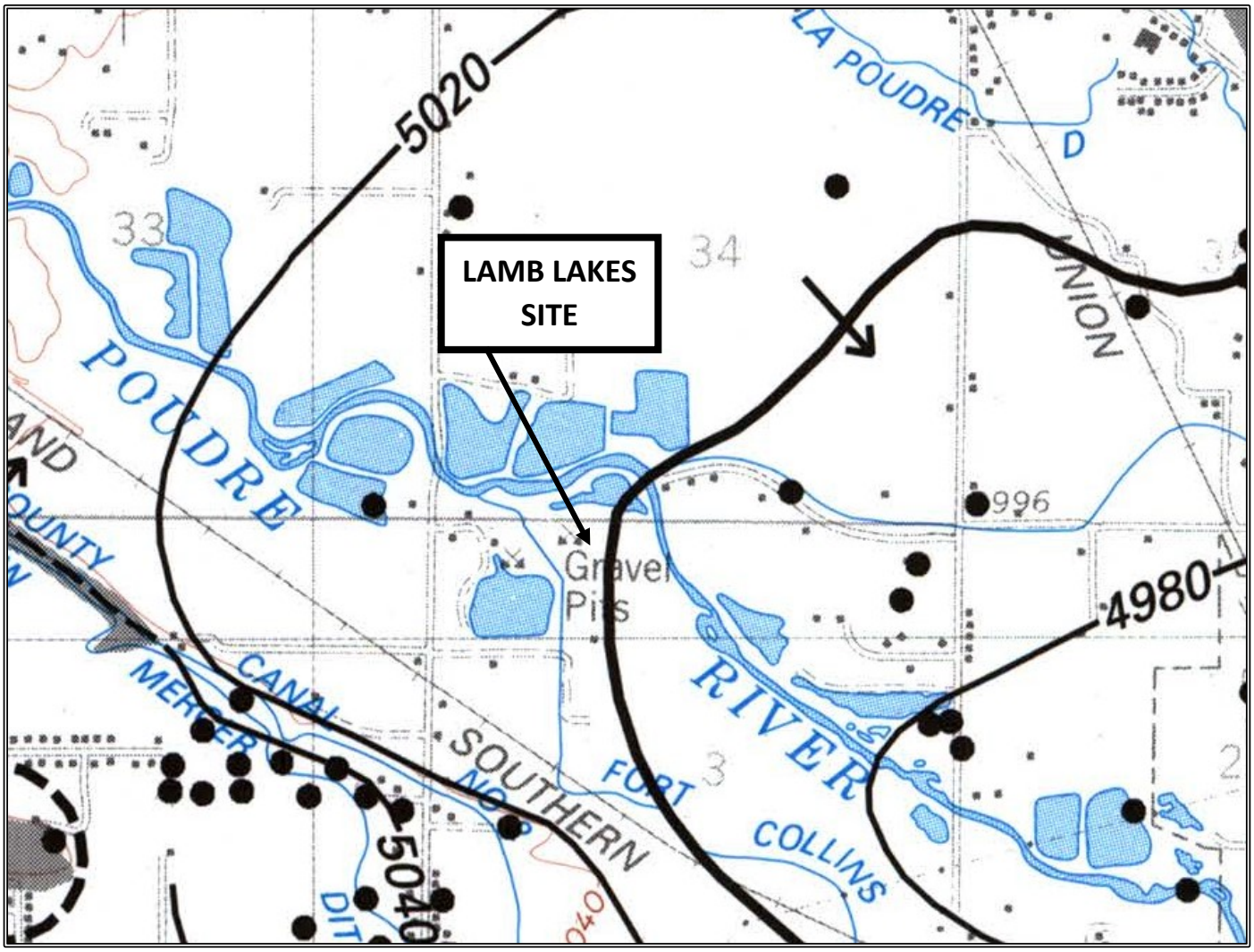
Period of Record Monthly Climate Summary

Period of Record : 01/01/1893 to 06/10/2016

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Average Max. Temperature (F)	41.4	44.2	51.2	60.6	69.1	79.3	85.2	83.5	75.4	64.2	51.1	42.5	62.3
Average Min. Temperature (F)	13.7	17.1	24.0	33.0	42.1	50.4	56.0	54.2	45.1	34.2	23.1	15.5	34.0
Average Total Precipitation (in.)	0.36	0.48	1.18	1.97	2.74	1.83	1.62	1.42	1.27	1.13	0.59	0.49	15.08
Average Total SnowFall (in.)	6.0	6.8	10.2	6.2	1.2	0.0	0.0	0.0	0.5	3.1	6.5	6.7	47.1
Average Snow Depth (in.)	2	1	1	0	0	0	0	0	0	0	1	1	0

Percent of possible observations for period of record.
Max. Temp.: 99.6% Min. Temp.: 99.6% Precipitation: 99.6% Snowfall: 99.5% Snow Depth: 50.1%
Check Station Metadata or Metadata graphics for more detail about data completeness.

Western Regional Climate Center wrcc@dri.edu



Water-Table Contour

From S.G. Robson, J.S. Heiny, and L.R. Arnold 2000. Hydrology of the Shallow Aquifers in the Fort Collins-Loveland Area, Colorado, Hydrologic Investigations Atlas HA-746B, Sheet 3 of 5

Analytical and Numerical Simulation of the Steady-State Hydrologic Effects of Mining Aggregate in Hypothetical Sand-and-Gravel and Fractured Crystalline-Rock Aquifers

By L.R. Arnold, W.H. Langer, and S.S. Paschke

U.S. GEOLOGICAL SURVEY

Water-Resources Investigations Report 02–4267

Denver, Colorado
2003

Front Range mountains generally are steep. Recharge to the fractured crystalline-rock aquifer has been estimated to range from 0 to 21 percent of precipitation with an average of 3.2 percent (Hofstra and Hall, 1975) to 10 percent (Mueller, 1979).

In the Colorado Front Range, rock quarries typically are mined dry (Langer, 2001). Although quarries may penetrate the water table, the discharge rate to quarries commonly is less than the rate of evaporation, and active dewatering measures are not needed. The quarry may drain freely. To produce aggregate, the rock is first drilled and blasted. Blasting commonly breaks the rock into pieces suitable for crushing, and the blasted material is extracted using conventional earth-moving equipment such as bulldozers, front loaders, and track hoes. Material is transported, either by truck or conveyor, from the mining face to the processing plant where it is crushed, washed, and sorted by size.

GROUND-WATER HYDRAULICS AND MATHEMATICAL METHODS

To evaluate the effects of aggregate mining on the surrounding water table, ground-water flow was simulated with analytical and numerical solutions to the ground-water flow equation. A general form of the equation describing transient (time-varying) three-dimensional ground-water flow can be written as (Konikow and Grove, 1977; McDonald and Harbaugh, 1988):

$$\frac{\partial(bK_x\frac{\partial h}{\partial x})}{\partial x}+\frac{\partial(bK_y\frac{\partial h}{\partial y})}{\partial y} + \frac{\partial(bK_z\frac{\partial h}{\partial z})}{\partial z}=S\frac{\partial h}{\partial t}+W(x,y,z,t) \quad (1)$$

where

K_x is aquifer hydraulic conductivity in the x-direction (L^2/T),

K_y is aquifer hydraulic conductivity in the y-direction (L^2/T),

K_z is aquifer hydraulic conductivity in the z-direction (L^2/T),

b is aquifer saturated thickness (L),

h is hydraulic head (L),

S is storage coefficient (dimensionless),

W is volumetric flux per unit area from a hydrologic source or sink as a function of location and time (L/T),

x,y,z are Cartesian coordinates, and

t is time (T).

This equation assumes compressible fluid of constant density is flowing through a heterogeneous anisotropic aquifer according to Darcy's law (Fetter, 1994). It also assumes the principal axes of the hydraulic conductivity tensor are aligned with the x, y, and z coordinate axes, respectively (McDonald and Harbaugh, 1988). Additional details of the ground-water flow equation and its derivation can be found in numerous texts and reports (Freeze and Cherry, 1979; Lohman, 1979; Huyakorn and Pinder, 1983; McDonald and Harbaugh, 1988; Domenico and Schwartz, 1990; Anderson and Woessner, 1992; Fetter, 1994).

The ground-water flow equation can be solved for the dependent variable head (h) by analytical or numerical methods. Analytical solutions use algebraic methods to derive closed-form solutions to the ground-water flow equation, whereas numerical solutions use finite-difference or finite-element numerical methods to solve the ground-water flow equation. Analytical solutions to the ground-water flow equation are most useful for evaluating simplified ground-water systems and often assume a homogeneous and isotropic hydraulic-conductivity distribution, horizontal flow, and infinite horizontal extent or limited boundary conditions. Analytical methods can be useful for estimating mine inflows and drawdowns during initial stages of mine planning when site-specific data may not yet be available (Marinelli and Niccoli, 2000). The applicability of an analytical solution depends on the extent to which the real problem under consideration is consistent with the simplifying assumptions of the analytical solution. Analytical solutions that assume infinite horizontal extent can be useful in predicting drawdown in real aquifers of finite extent when aquifer boundaries lie beyond the cone of depression in the water table (area of influence) caused by the pit. When boundaries lie outside the area of influence, the aquifer within the area of influence responds as though it were

of infinite extent because no boundaries are contacted. Numerical simulations are useful for evaluating more complex flow systems such as heterogeneous or anisotropic hydraulic-conductivity distributions, multiple boundary conditions, and transient conditions. Numerical methods may be required during advanced stages of mine planning when more detailed geologic and hydrologic data are available for a site (Marinelli and Niccoli, 2000). Analytical and numerical methods can be coded into computer programs to facilitate their use.

Both analytical and numerical simulation methods were used in this study to evaluate the steady-state (time-invariant) effects of mining aggregate on water-table conditions. A steady-state two-dimensional analytical solution to the ground-water flow equation by Marinelli and Niccoli (2000) and a steady-state one-dimensional analytical solution derived during this study were used to estimate the extent of drawdown around a mine in a homogeneous, isotropic aquifer of infinite extent. The U.S. Geological Survey modular ground-water model, MODFLOW–2000 (Harbaugh and others, 2000), was used to evaluate steady-state effects of aggregate mining under more complex hydrogeologic conditions.

The steady-state two-dimensional analytical solution of Marinelli and Niccoli (2000) estimates radial ground-water flow toward a circular mine pit. The analytical solution for head in the aquifer adjacent to a circular pit of radius r_p is given as:

$$h = \sqrt{h_p^{\,2} + \frac{W}{K_h}\left[r_i^{\,2}\ln\left(\frac{r}{r_p}\right) - \left(\frac{r^2 - r_p^{\,2}}{2}\right)\right]} \qquad (2)$$

where

h is saturated thickness above the pit base at r (radial distance from pit center) [L],
h_p is saturated thickness above the pit base at r_p (at the mine wall) [L],
W is distributed recharge flux [L/T],
K_h is horizontal hydraulic conductivity of surrounding geologic materials [L/T],
r_i is radius of influence (maximum extent of the cone of depression) [L],
r is radial distance from pit center [L],
r_p is effective pit radius [L] (fig. 3).

Given input values of h_p, W, K_h, r_p, and initial (premining) saturated thickness above the pit base ($h = h_o$), the radius of influence (r_i) can be determined through iteration by setting r equal to r_i. Once r_i is

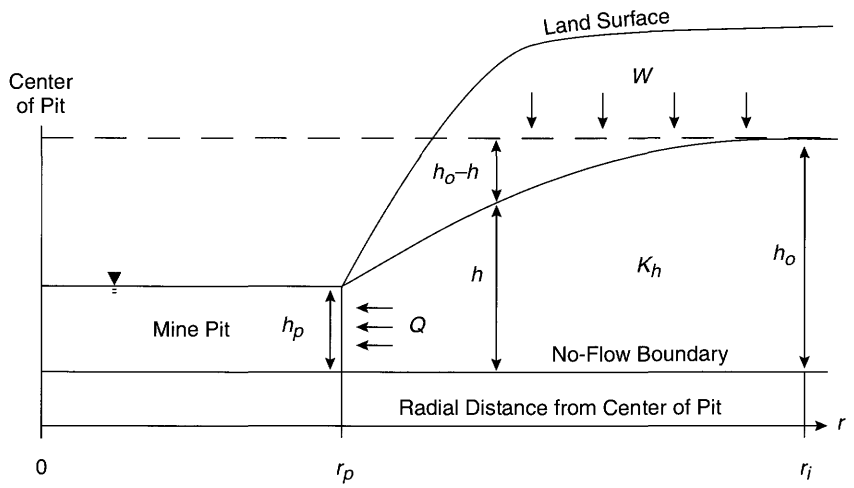


Figure 3. Conceptual diagram of the Marinelli and Niccoli analytical solution (modified from Marinelli and Niccoli, 2000).

determined, h can be calculated for any radial distance from the pit, and drawdown can be calculated as $h_o - h$. In addition, the inflow rate, Q [L^3/T], through the pit wall can be calculated as:

$$Q = W\pi(r_i^2 - r_i^2) \quad (3)$$

The analytical solution of Marinelli and Niccoli (2000) is valid for ground-water flow systems that meet the following assumptions:

- The geologic materials are homogeneous and isotropic;
- Ground-water flow is steady state, unconfined, horizontal, radial, and axially symmetric;
- Recharge is uniformly distributed at the water table and all recharge within the radius of influence is captured by the pit;
- Pit walls are approximated as a right circular cylinder;
- The static premining water table is approximately horizontal; and
- The base of the pit is coincident with the base of the aquifer, and there is no flow through the pit bottom.

Marinelli and Niccoli (2000) also present an analytical solution for upward ground-water flow through the bottom of a pit that partially penetrates an aquifer.

However, inflow to the bottom of a pit is not considered in this report because (1) analytical solutions are used only to calculate hydraulic head at the water table, which is independent of ground-water flow through the mine bottom in the solution, (2) the bottom of aggregate mines in sand-and-gravel aquifers in the Front Range area generally are near the base of the aquifer, and (3) hydraulic conductivity of fractured crystalline-rock aquifers generally becomes exceedingly small with depth, which limits inflow to the mine bottom. For pits that do not meet these conditions, consideration of flow to the mine bottom may be important.

A steady-state, one-dimensional analytical solution is derived for ground-water flow to a mine excavated into a steep hillside such as in the mountainous part of the Front Range area. The derivation of the one-dimensional solution is similar to the Marinelli and Niccoli (2000) solution, but the mine is represented as a straight line along a hillside rather than a circular pit. The mine in this situation intercepts only the upgradient ground water within the hillside. Ground-water flow toward the mine at distance x upgradient from the mine wall can be expressed as:

$$Q = K_h h \frac{dh}{dx} \quad (4)$$

where

Q is flow per unit length of the mine [L^2/T],
K_h is horizontal hydraulic conductivity of surrounding geologic materials [L/T],
h is saturated thickness above the mine base at distance x from the mine wall [L], and
x is distance upgradient from mine wall [L].

If all ground-water flow to the mine is assumed to originate from uniform distributed recharge (W) within the drawdown distance of influence (x_i) of the mine, then flow toward the mine also can be expressed as:

$$Q = W(x_i - x) \quad (5)$$

Substituting equation 5 into equation 4 and integrating from the mine wall to distance x gives:

$$\frac{W}{K_h}\int_0^x (x_i - x)dx = \int_{h_m}^h hdh \quad (6)$$

where

h_m is saturated thickness above the mine base at the mine wall [L].

Carrying out the integration leads to an analytical solution for head in the aquifer adjacent to a linear mine that is given as:

$$h = \sqrt{h_m^2 + \frac{W}{K_h}\left[2x_i x - x^2\right]} \quad (7)$$

Given input values of h_m, W, K_h, and initial (premining) saturated thickness above the base of the mine ($h = h_o$), the distance of influence (x_i) can be calculated directly by setting x equal to x_i and rearranging equation 7. Once x_i is determined, h can be calculated for any distance upgradient from the mine wall, and drawdown can be calculated as $h_o - h$. In addition, the inflow rate per unit length of mine, Q [L^2/T], can be calculated as:

$$Q = Wx_i \qquad (8)$$

The analytical solution for a linear mine wall is valid for ground-water flow systems that meet the following assumptions:

- The geologic materials are homogeneous and isotropic;
- Ground-water flow is steady state, unconfined, horizontal, and perpendicular to the mine wall;
- Recharge is uniformly distributed at the water table, and all recharge within the distance of influence is captured by the mine;
- The uphill mine wall is approximated as a straight line;
- The static premining water table is approximately horizontal; and
- The base of the pit is coincident with the base of the aquifer, and there is no flow through the mine bottom.

MODFLOW-2000 (Harbaugh and others, 2000) was used to estimate the steady-state extent of drawdown near a mine and ground-water inflow to a mine under conditions that consider heterogeneity, anisotropy, and boundaries. MODFLOW–2000 solves the transient ground-water flow equation by using implicit finite-difference methods and is based on a three-dimensional, block-centered, finite-difference grid. Aquifer properties can be heterogeneous and anisotropic provided the principal axes of hydraulic conductivity are aligned with the coordinate directions (Harbaugh and others, 2000; McDonald and Harbaugh, 1988), and aquifer layers can be simulated as confined, unconfined, or a combination of both (Harbaugh and others, 2000). MODFLOW–2000 can simulate several types of hydrologic sources and sinks including aquifer recharge, evapotranspiration, wells, drains, and rivers, and it can simulate either steady-state or transient conditions.

SIMULATION OF THE HYDROLOGIC EFFECTS OF MINING AGGREGATE

Two hydrogeologic settings in the Colorado Front Range area were simulated using analytical and numerical methods. The first set of simulations used conceptualizations of aggregate mining in sand-and-gravel aquifers, and the second set of simulations used conceptualizations of aggregate mining in fractured crystalline-rock aquifers. Analytical and numerical simulations were used to estimate the steady-state hydrologic effects of mining. Under steady-state conditions, discharge to a mine reaches equilibrium with the surrounding ground-water system, and the extent of drawdown caused by dewatering a mine ceases to increase. Therefore, steady-state simulations predict the maximum potential effects of mining over time. To predict short-term effects, transient (time-varying) simulations are necessary. Steady-state simulations of pits in sand-and-gravel aquifers may overpredict the effects of mining if active dewatering of the pit ceases before steady-state conditions are reached. The hydrologic effects of pits in sand-and-gravel aquifers after active dewatering ceases (pits lined with slurry walls or refilled pits undergoing evaporative losses) likely reach steady-state conditions because such pits may be left open indefinitely. The hydrologic effects of quarries in fractured crystalline-rock aquifers also likely reach steady-state conditions because quarries commonly drain without the aid of active dewatering measures (Knepper, 2002) and may be left open indefinitely. Predicting the transient hydrologic effects of mining is beyond the scope of this report.

Simulation of Pits in Sand-and-Gravel Aquifers

Definitions of input parameters for simulations of aggregate mining in sand-and-gravel aquifers were based on data reported in the literature (see "Hydrogeologic Settings"). Definitions of mining extents (area and depth) were defined based on mine

APPENDIX B

Selected Site Geotechnical Information

REPORT
OF A
MINERAL RESOURCES
EVALUATION

FOR

MR. MIKE DONALDSON
FORT COLLINS, COLORADO

PROJECT NO. 2111-75
RE: A PARCEL OF LAND
NORTH OF FORT COLLINS, COLORADO

BY

EMPIRE LABORATORIES, INC.
218 NORTH HOWES STREET
FORT COLLINS, COLORADO
80521

Empire Laboratories, Inc.

P.O. Box 127 • 2115 South Lee
Fort Collins, Colorado • Telephone (303) 484-1179

September 9, 1977

Mr. Mike Donaldson
705 Cheyenne Drive
Fort Collins, Colorado 80521

Dear Mr. Donaldson:

We are pleased to submit our Report of a Mineral Resources Evaluation prepared for a parcel of land located on the Taft Hill Road farm, Larimer County, Colorado, as requested.

The accompanying report presents our findings in the subsurface and our evaluation based upon these findings.

Very truly yours,

EMPIRE LABORATORIES, INC.

Mark E. Karle
Engineering Geologist

mmp

Reviewed by:

Chester C. Smith, P.E.
Vice President

REPORT

OF A

MINERAL RESOURCES EVALUATION

SCOPE

This report presents the results of a Mineral Resources Evaluation prepared for a parcel of land located near North Taft Hill Road, north of Fort Collins, Colorado.

The objective of this investigation was to evaluate the natural resources available at the site.

SITE INVESTIGATION

The field investigation, carried out on August 25, 1975, consisted of drilling and logging nine (9) test borings. The locations of the test borings are shown on the Test Boring Location Plan included on page 4 of this report. Boring logs prepared from the field logs are shown on pages 6 and 7 . These logs show soils encountered and groundwater at the time of the investigation.

All borings were advanced with a four-inch diameter, continuous-type, power-flight auger drill. During the drilling operations, an engineering geologist from Empire Laboratories, Inc. was present and made a continuous visual inspection of the soils encountered.

SITE LOCATION AND DESCRIPTION

The site is located along Taft Hill Road and is bordered on the south by the new Lincoln Junior High School, north of Fort Collins, Colorado. More particularly, the site is located on the Taft Hill Road Farm situate in Section 3, Township 7 North, Range 69 West of the Sixth P.M., Larimer County, Colorado.

The area consists of mostly open farm fields with a vegetation cover of hay, barley and corn. The northwest portion of the site is mostly weed covered.

The site is located in the flood plain of the Cache La Poudre River and is relativ flat. A small marshy area is located in the south and east portions of the proper Two (2) small ponds are located in the northwest and east-central portions of th site.

SOIL AND GROUNDWATER CONDITIONS

The soil profile at the site consists of strata of materials arranged in different combinations. In order of increasing depths, they are as follows:

(1) Silty Topsoil: The site is overlain by one (1) foot of silty topsoil. The upper six (6) inches of the topsoil have been penetrated by plant roots and organic matter.

(2) Silty and/or Sandy Clay: Underlying the topsoil in Borings 3 and 4 and 6 through 9 and extending to depths of two and one-half (2½) to four (4) feet below the surface is a stratum of clay. The clays are damp to wet and contain varying amounts of silt and/or sand.

(3) Sand, Gravel, Cobbles and Boulders: This stratum underlies the clays at depths of two and one-half (2½) to four (4) feet below the surface and extends to depths of thirteen and one-half (13½) to twenty-four and one-half (14½) feet below the surface. The sands and gravels are well-graded and clean below the water table. It is estimated that the cobbles and boulders within this stratum range in size up to eighteen (18) inches in diameter.

(4) Claystone (Bedrock): Claystone bedrock was encountered below the gravel stratum at depths of thirteen and one-half (13½) to twenty-four and one-half (24½) feet below the surface. The upper one (1) foot of the claystone is weathered; however, the rock below this weathered zone is firm.

(5) Groundwater: At the time of investigation, free groundwater was encountered at approximate depths of two (2) to nine (9) feet below the surface. Groundwater levels in this area are subject to change due to seasonal variations, upon water levels in the Cache La Poudre River, and upon irrigation demands on the property.

DISCUSSION

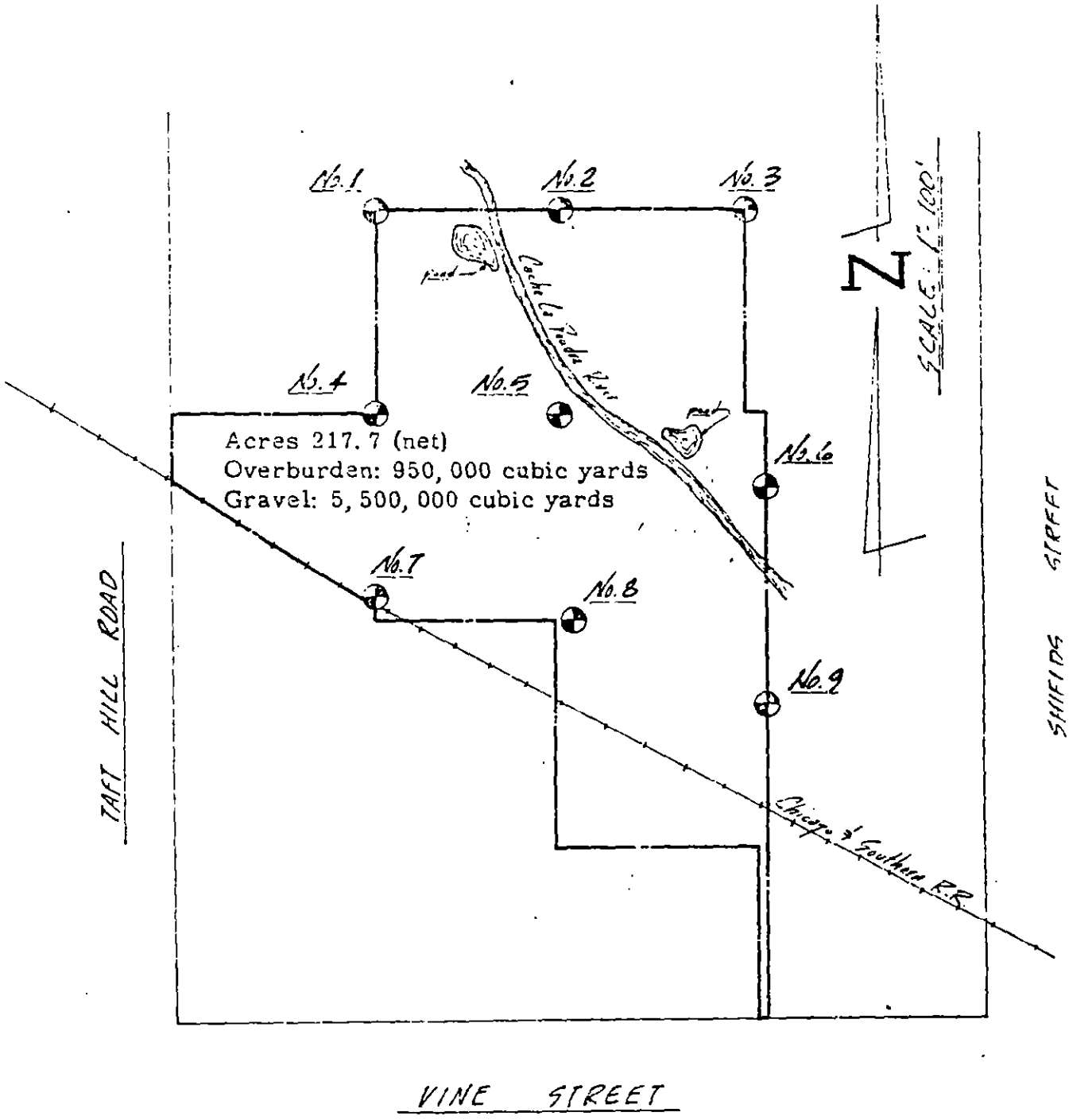
The granular material encountered on the site consists of well-rounded river deposited rocks of a hard durable granite nature. It is our opinion that this material is of suitable size, hardness and quality to be used as a commercial aggregate source. In addition, there is suitable quantity, being well above the maximum 3:1 ratio of aggregate to overburden to make extraction economically feasible.

Based upon our test borings, it is estimated that approximately two hundred eighteen (218) acres of commercial quality aggregate could be obtained totaling over five and one-half (5½) million cubic yards. Approximately nine hundred fifty thousand (950,000) cubic yards of overburden would have to be removed in order to recover this gravel. However, much of this material is suitable as filler material in the production of base course material. In addition, the topsoil overlying the site has some economical value. Since a majority of the sand and gravel is below groundwater, excavation would have to be accomplished by use of a dragline or the site would have to be dewatered.

GENERAL COMMENTS

This report has been prepared in order to aid in the evaluation of the mineral resources available on the property. This report does not reflect any variations in the soil which may exist between the borings. The nature and extent of these variations between the borings may not become evident until a later date. If variations do appear, it may be necessary to make a re-evaluation of the quantities as discussed above. To aid in this re-evaluation, additional test borings may be necessary.

TEST BORING LOCATION PLAN



KEY TO BORING LOGS


TOPSOIL


GRAVEL


FILL


SAND & GRAVEL


SILT


SILTY SAND & GRAVEL


CLAYEY SILT


COBBLES


SANDY SILT


SAND, GRAVEL & COBBLES


CLAY


WEATHERED BEDROCK


SILTY CLAY


SILTSTONE BEDROCK


SANDY CLAY


CLAYSTONE BEDROCK


SAND


SANDSTONE BEDROCK


SILTY SAND


LIMESTONE


CLAYEY SAND


GRANITE


SHELBY TUBE SAMPLE

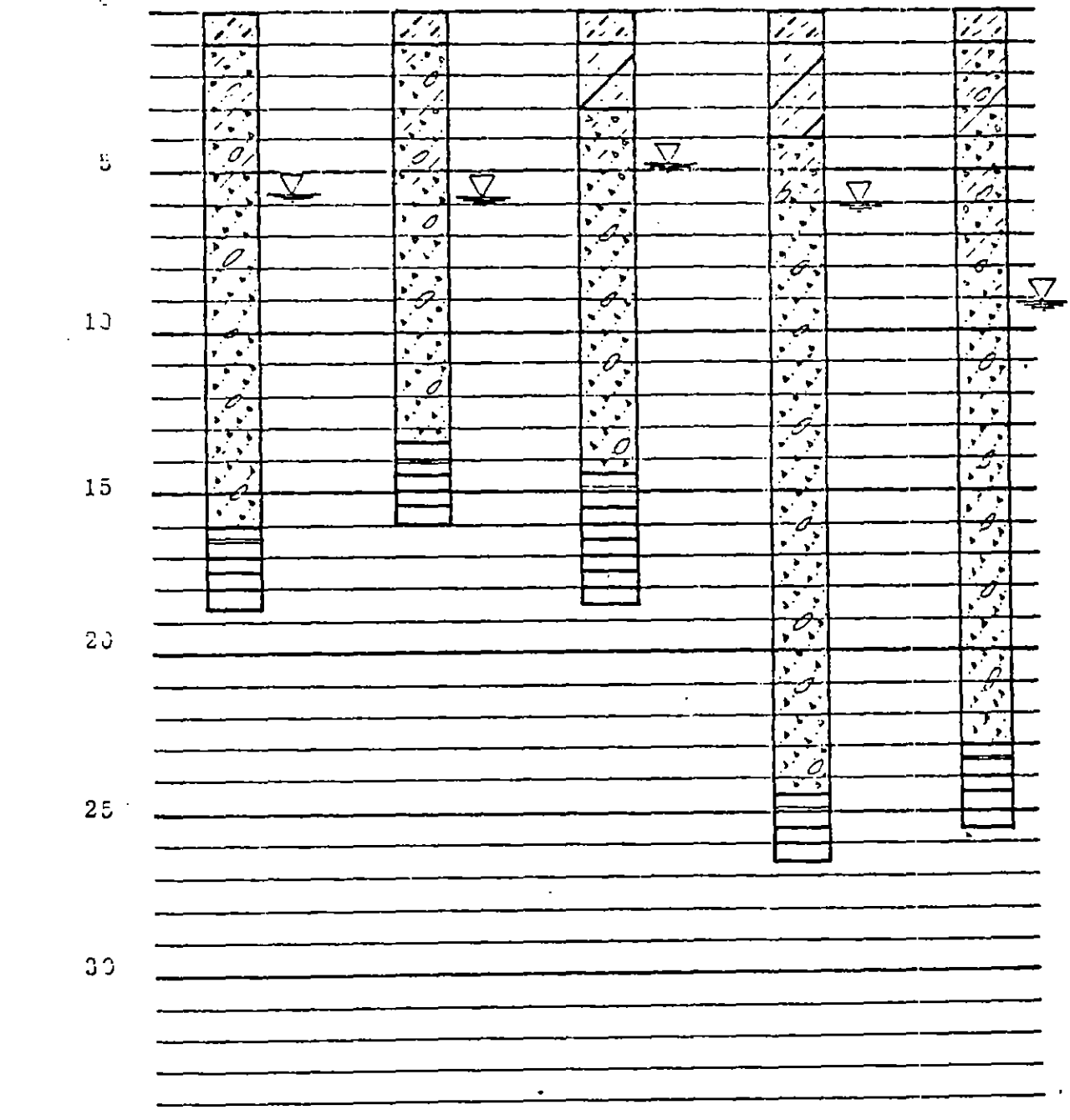

STANDARD PENETRATION DRIVE SAMPLER


WATER TABLE 0 HOURS AFTER DRILLING

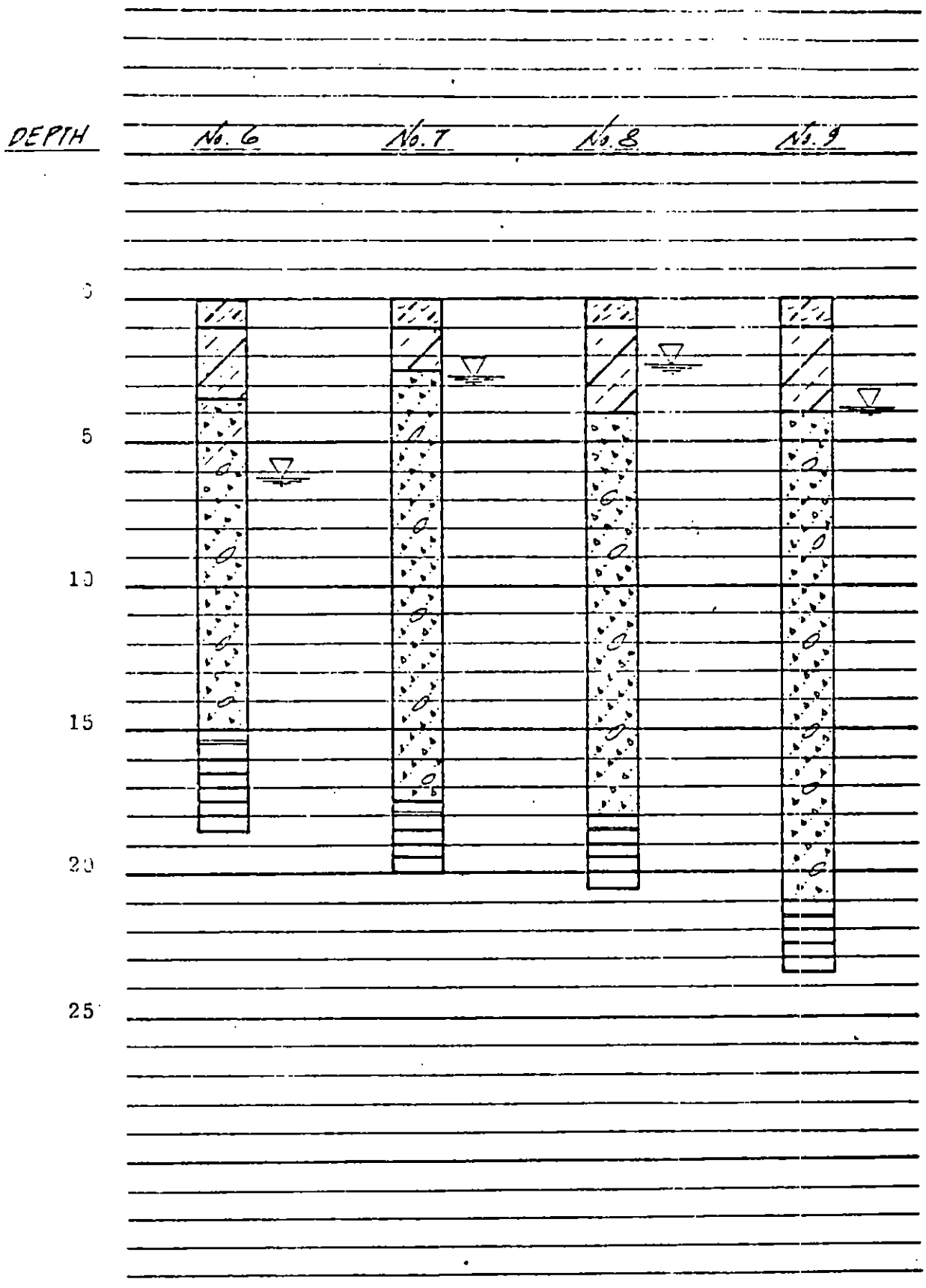

HOLE CAVED

5/12 Indicates that 5 blows of a 140 pound hammer falling 30 inches was required to penetrate 12 inches

LOG OF BORINGS



LOG OF BORINGS



Initial Engineering Design Report

Treiber Lakes Slurry Wall Project
Larimer County, Colorado

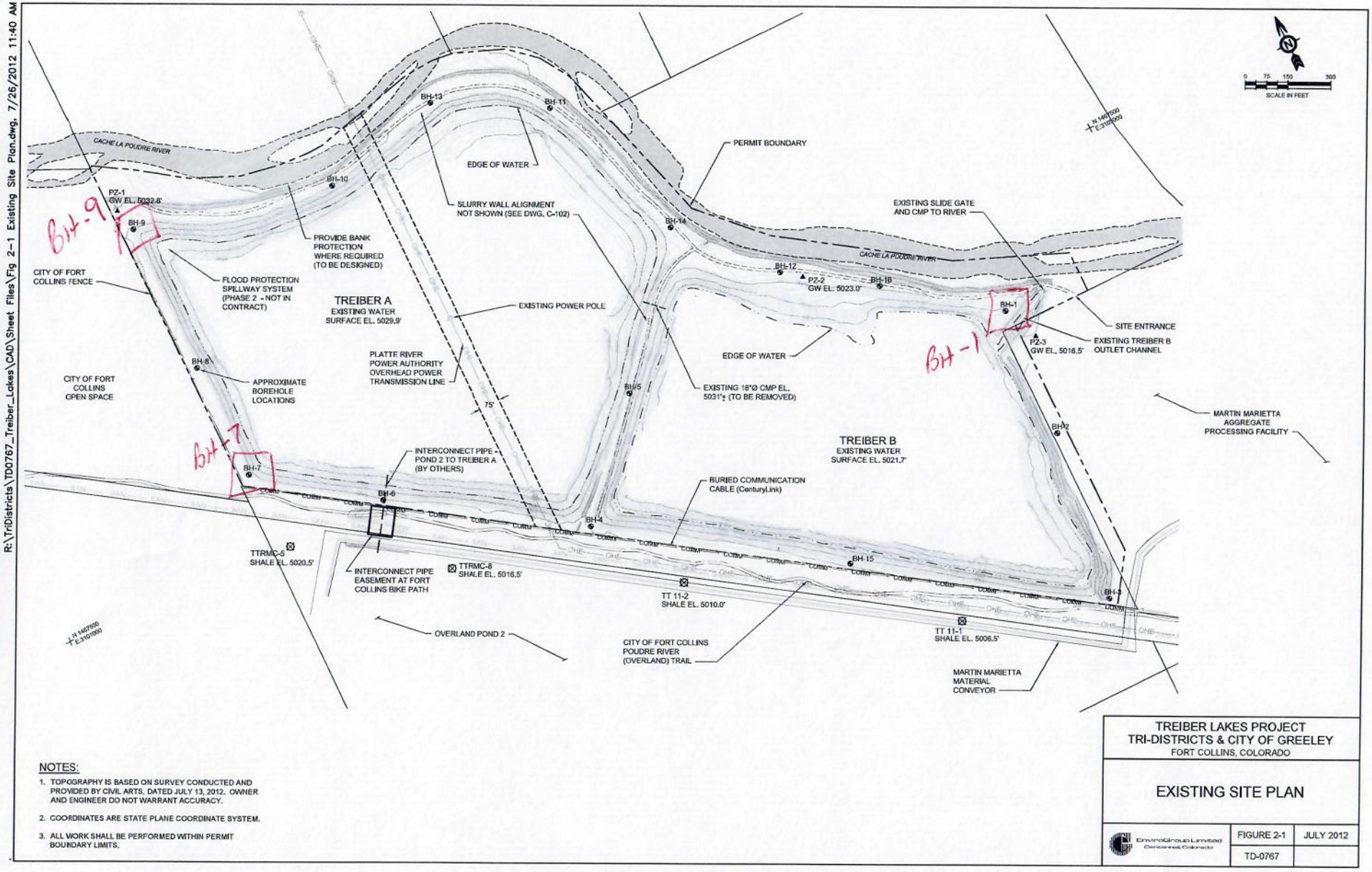
Prepared by:

EnviroGroup Limited
Longmont, CO

Prepared for:

Tri-Districts / Soldier Canyon Filter Plant
and City of Greeley, Colorado

August 17, 2012
Project No. TD-0767



NOTES:

1. TOPOGRAPHY IS BASED ON SURVEY CONDUCTED AND PROVIDED BY CIVIL ARTS, DATED JULY 13, 2012. OWNER AND ENGINEER DO NOT WARRANT ACCURACY.
2. COORDINATES ARE STATE PLANE COORDINATE SYSTEM.
3. ALL WORK SHALL BE PERFORMED WITHIN PERMIT BOUNDARY LIMITS.

TREIBER LAKES PROJECT
TRI-DISTRICTS & CITY OF GREELEY
FORT COLLINS, COLORADO

EXISTING SITE PLAN

EnviroGroup Limited Centennial, Colorado	FIGURE 2-1	JULY 2012
	TD-0767	

MECHANICAL ANALYSIS - SIEVE TEST DATA
ASTM D 6913

CLIENT EnviroGroup Limited

JOB NO. 2108-17

BORING NO. B-1
DEPTH
SAMPLE NO.
SOIL DESCR.
LOCATION Treiber Lakes

SAMPLED
DATE+#4 WASHED 05/22/12 DAW
DATE -#4 WASHED 05/22/12 DAW
WASH SIEVE Yes
DRY SIEVE No

MOISTURE DATA

HYGROSCOPIC Yes

NATURAL No

Wt. Wet Soil & Pan (g)	158.79
Wt. Dry Soil & Pan (g)	158.44
Wt. Los: Moisture (g)	0.35
Wt. of Pan Only (g)	6.64
Wt. of Dry Soil (g)	151.80
Moisture Content %	0.2

Wt. Partial -#4 Sample Wet (g)	268.01
Wt. Partial Sample Dry (g)	267.39

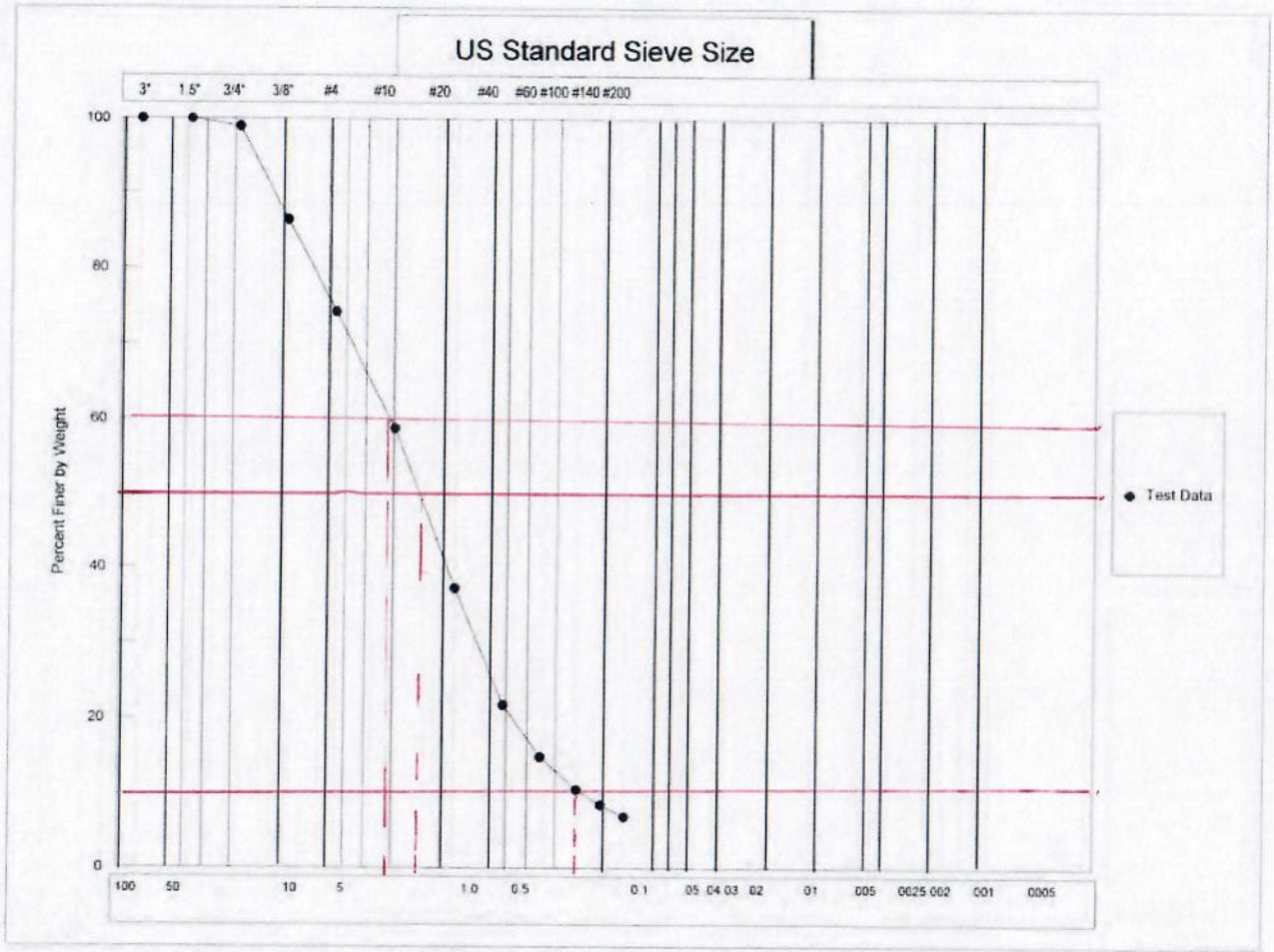
WASH SIEVE ANALYSIS

Wt. Total Sample Wet (g)	932.64
Weight of + #4 Before Washing (g)	251.49
Weight of + #4 After Washing (g)	240.10
Weight of - #4 Wet (g)	681.15
Weight of - #4 Dry (g)	690.95
Wt. Total Sample Dry (g)	931.05
Calc Wt. "W" (g)	360.31
Calc Mass + #4	92.92

Sieve Number (Size)	Pan Weight (g)	Indiv. Wt. + Pan (g)	Indiv. Wt. Retain	Cum. Wt. Retain.	Cum. % Retain.	% Finer By Wt
3"	0.00	0.00	0.00	0.00	0.0	100.0
1 1/2"	0.00	0.00	0.00	0.00	0.0	100.0
3/4"	0.00	9.83	9.83	9.83	1.1	98.9
3/8"	0.00	116.56	116.56	126.39	13.6	86.4
#4	0.00	113.71	113.71	240.10	25.8	74.2
#10	3.15	58.81	55.66	55.66	41.2	58.8
#20	3.19	80.93	77.74	133.40	62.8	37.2
#40	3.13	58.56	55.43	188.83	78.2	21.8
#60	3.06	27.72	24.66	213.49	85.0	15.0
#100	2.95	18.98	16.03	229.52	89.5	10.5
#140	3.03	10.30	7.27	236.79	91.5	8.5
#200	2.97	8.62	5.65	242.44	93.1	6.9

Data entered by: DAW Date 05/24/2012
Data checked by: Date 5/24/12
FileName ELM0B1TL

ADVANCED TERRA TESTING, INC. ATT



COBBLES	GRAVEL		SAND			SILT OR CLAY	USCS
	COARSE	FINE	CRS	MEDIUM	FINE		

COBBLES	PEBBLE GRAVEL				SAND			SILT	CLAY	
TO BOULDERS	COARSE	MED	FINE	GRAN	COARSE	MED	FINE			WENTWORTH

Client EnviroGroup Limited Boring No B-1 Sample No

Job Number 2108-17 Depth

Classification **Classification Not Performed**

MECHANICAL ANALYSIS - SIEVE TEST DATA
ASTM D 6913

CLIENT EnviroGroup Limited

JOB NO. 2108-17

BORING NO. B-7
DEPTH
SAMPLE NO.
SOIL DESCR.
LOCATION Treiber Lakes

SAMPLED
DATE+#4 WASHED 05/22/12 DAW
DATE -#4 WASHED 05/22/12 DAW
WASH SIEVE Yes
DRY SIEVE No

MOISTURE DATA

HYGROSCOPIC Yes

NATURAL No

Wt. Wet Soil & Pan (g)	92.39
Wt. Dry Soil & Pan (g)	92.06
Wt. Lost Moisture (g)	0.33
Wt. of Pan Only (g)	3.11
Wt. of Dry Soil (g)	88.95
Moisture Content %	0.4

Wt. Partial -#4 Sample Wet (g)	206.88
Wt. Partial Sample Dry (g)	206.12

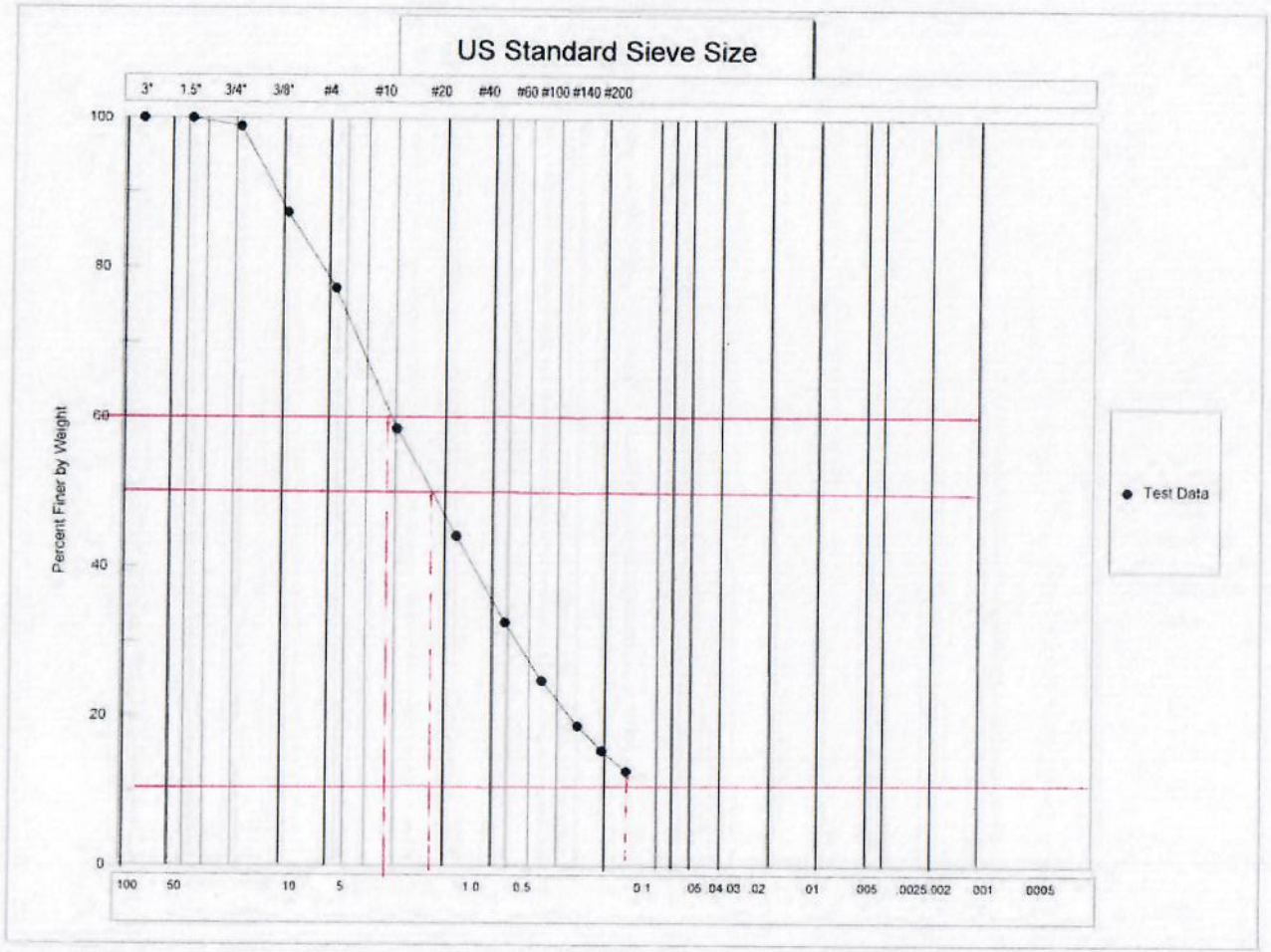
WASH SIEVE ANALYSIS

Wt. Total Sample Wet (g)	2354.46
Weight of + #4 Before Washing (g)	964.36
Weight of + #4 After Washing (g)	532.74
Weight of - #4 Wet (g)	1390.10
Weight of - #4 Dry (g)	1814.99
Wt. Total Sample Dry (g)	2347.73
Calc. Wt. "W" (g)	266.61
Calc. Mass + #4	60.50

Sieve Number (Size)	Pan Weight (g)	Indiv. Wt. + Pan (g)	Indiv. Wt. Retain.	Cum. Wt. Retain.	Cum. % Retain.	% Finer By Wt.
3"	0.00	0.00	0.00	0.00	0.0	100.0
1 1/2'	0.00	0.00	0.00	0.00	0.0	100.0
3/4"	0.00	26.71	26.71	26.71	1.1	98.9
3/8"	0.00	271.92	271.92	298.63	12.7	87.3
#4	0.00	234.11	234.11	532.74	22.7	77.3
#10	2.97	53.09	50.12	50.12	41.5	58.5
#20	3.02	41.44	38.42	88.54	55.9	44.1
#40	3.03	33.49	30.46	119.00	67.3	32.7
#60	3.05	24.14	21.09	140.09	75.2	24.8
#100	2.99	18.95	15.96	156.05	81.2	18.8
#140	3.01	11.96	8.95	165.00	84.6	15.4
#200	3.02	10.40	7.38	172.38	87.3	12.7

Data entered by: DAW Date: 05/24/2012
Data checked by: Date: 5/24/12
FileName: ELM0B7TL

ADVANCED TERRA TESTING, INC. ATT



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	CRS	MEDIUM	FINE	

USCS

COBBLES	PEBBLE GRAVEL				SAND			SILT	CLAY
TO BOULDERS	COARSE	MED	FINE	GRAN	COARSE	MED	FINE		

WENTWORTH

Client: EnviroGroup Limited Boring No. B-7 Sample No.

Job Number 2108-17 Depth

Classification: **Classification Not Performed**

MECHANICAL ANALYSIS - SIEVE TEST DATA
ASTM D-6913

CLIENT EnviroGroup Limited

JOB NO. 2108-17

BORING NO. B-9
DEPTH 10-10.35'
SAMPLE NO.
SOIL DESCR.
LOCATION Treiber Lakes

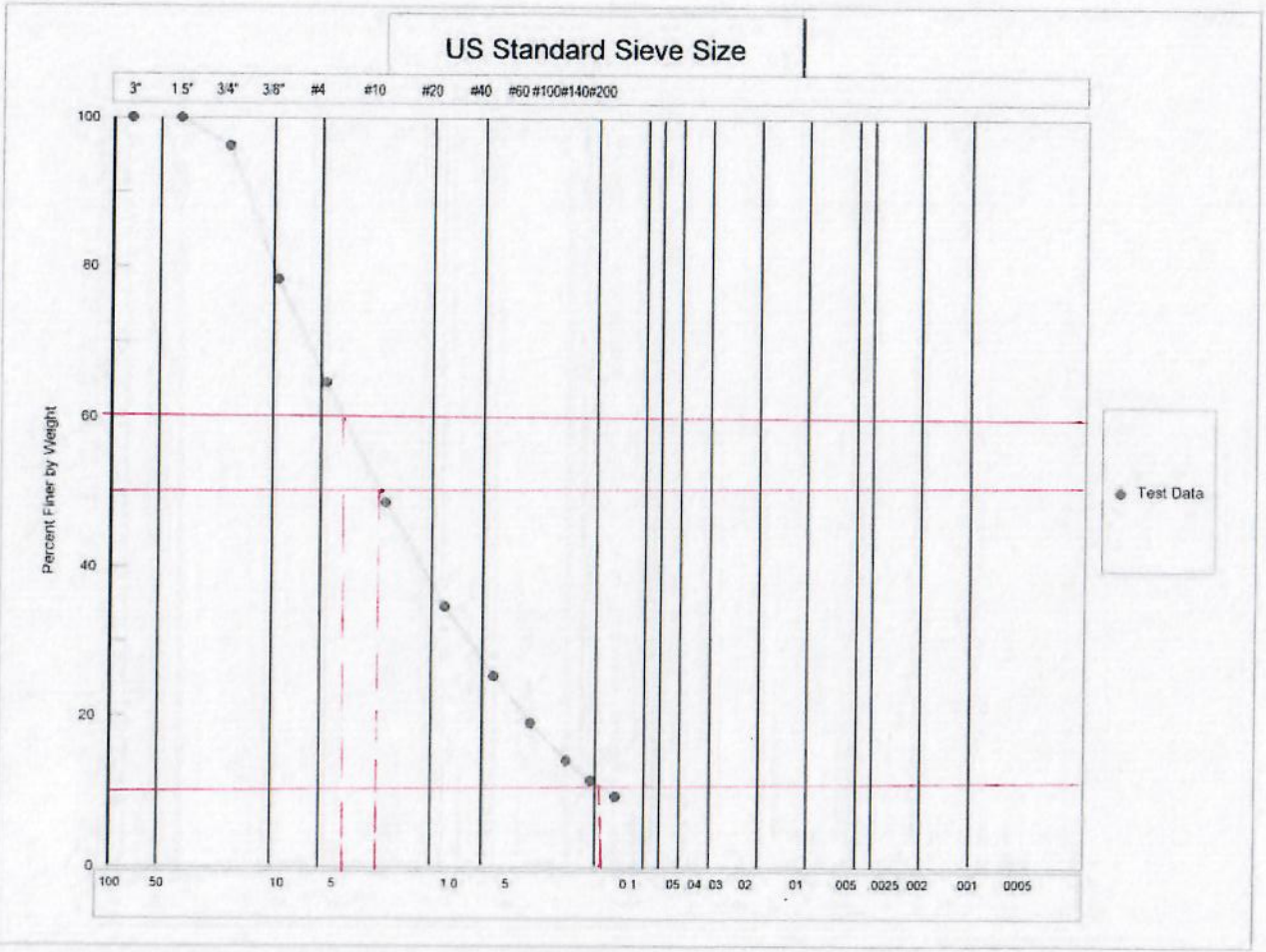
SAMPLED
DATE TESTED 05/18/12 DAW
WASH SIEVE Yes
DRY SIEVE No

WASH SIEVE ANALYSIS

Wt. Wet Soil & Pan Before Washing (g)	1120.3
Wt. Dry Soil & Pan Before Washing (g)	1114.7
Weight of Pan (g)	854.1
Wt. of Dry Soil Before Washing	260.6
Wt. Dry Soil & Pan After Washing (g)	1089.9
Wt. of Dry Soil After Washing (g)	235.8
-#200 Wash. Out %	9.5

Sieve Number (Size)	Pan Weight (g)	Indiv Wt. + Pan (g)	Indiv Wt. Retain.	Cum. Wt. Retain.	Cum. % Retain	% Finer By Wt.
3"	0.00	0.00	0.00	0.00	0.0	100.0
1 1/2"	0.00	0.00	0.00	0.00	0.0	100.0
3/4"	3.06	12.90	9.84	9.84	3.8	96.2
3/8"	3.02	49.67	46.65	56.49	21.7	78.3
#4	3.07	38.96	35.89	92.38	35.4	64.6
#10	3.06	44.38	41.32	133.70	51.3	48.7
#20	3.03	39.35	36.32	170.02	65.2	34.8
#40	3.08	27.46	24.38	194.40	74.6	25.4
#60	3.00	19.23	16.23	210.63	80.8	19.2
#100	2.99	15.93	12.94	223.57	85.8	14.2
#140	3.06	9.98	6.92	230.49	88.4	11.6
#200	2.97	8.31	5.34	235.83	90.5	9.5

Data entered by: DAW Date: 05/21/2012
Data checked by: Date 5/22/12
FileName: ELM0B910



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	CRS	MEDIUM	FINE	

USCS

COBBLES	PEBBLE GRAVEL				SAND			SILT	CLAY
TO BOULDERS	COARSE	MED	FINE	GRAN	COARSE	MED	FINE		

WENTWORTH

Client EnviroGroup Limited Boring No B-9 Sample No

Job Number 2108-17 Depth 10-10.35'

Classification **N/A**

GEOTECHNICAL ENGINEERING REPORT

TRI-DISTRICTS
TREIBER B SLURRY WALL LINING AND RECLAMATION
LARIMER COUNTY, COLORADO

Prepared for:

Tri-Districts
4424 Laporte Avenue
Fort Collins, Colorado 80521

Prepared by:

Tetra Tech
1900 South Sunset Street, Suite 1-E
Longmont, Colorado 80501

Tetra Tech Job No. 133-91322-15001

December 2015

TETRA TECH

Table 2

TRI-DISTRICTS TREIBER B RESERVOIR
Summary of Seepage Analyses

Station	*Hydraulic Conductivity (cm/s)*	*Bedrock Key Depth (ft)*	*Liner Height (ft)*	*Modeled Seepage (ft^3/day) per LF*	*State Engineer Allowable Seepage[1] (ft^3/day per LF)*
Sta. 39-00	Overburden $1.0x10^{-6}$ Sand and Gravel $1.0x10^{-2}$ Shale Bedrock $1.0x10^{-7}$ Slurry Wall $1.0x10^{-6}$	4	35	0.28	1.05
Sta. 13+00 (Treiber A Alignment)	Overburden $1.0x10^{-6}$ Sand and Gravel $1.0x10^{-2}$ Shale Bedrock $1.0x10^{-7}$ Slurry Wall $1.0x10^{-6}$	3	34	0.32	1.02

1. State Engineer's allowable seepage rate (Design Standard) through typical maximum cross-section for each pond analyzed is obtained by multiplying allowable seepage rate of 0.03 ft^3/day/ft^2 of liner by the height of the liner (ground surface to bottom of key).

APPENDIX C

Dewatering Analytical Solution Results

TABLE 2 CALCULATIONS

Hazen Method (Fetter 1994) Applicable to well sorted sands. Developed for slow sand filtration.
Applicable to sands with 0.1mm < D10 < 3.0mm and uniformity cofficient < 5
Beyer (Kresic 2006) Applicable to poorly sorted sands with 1 < Uniformity Coeff < 20
and 0.06mm < D10 < 0.6mm

Bore Hole	D10 (mm)	D50 (mm)	D60 (mm)	Uniformity Coeff	Hazen ft/day	Beyer ft/day
BH-1	0.15	1.3	2.1	14	64	51
BH-7	0.07	1.2	2.1	30	14	9
BH-9	0.10	2.1	3.5	35	28	17
Average					35	26
					30	

Drawdown and dewatering from Marinelli and Niccoli (2000)

Ho =	15	saturated thickness above pit base at radial distance Ro from pit center (feet)
Hp =	2	saturated thickness above pit base at pit wall, Rp (feet)
W =	0.001934	distributed recharge flux (feet/day)
K =	30	horizontal hydraulic conductivity (feet/day)
Ro =	2090	radial distance from pit center (feet)
Rp =	600	radial distance to pit wall (feet)

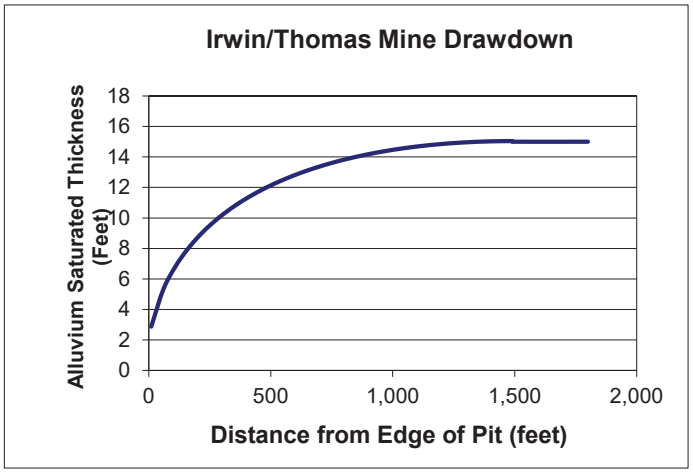
Ho = 15.04033 by iteration

Pit inflow

Q = 24338 cf/day

126 gpm

Ro	from pit	Ho
2400	1800	15
2090	1490	15
2090	1490	15.04033
2090	1490	15.04033
2090	1490	15.04033
2090	1490	15.04033
2090	1490	15.04033
2090	1490	15.04033
2060	1460	15.03839
2010	1410	15.02642
1960	1360	15.00328
1910	1310	14.96859
1860	1260	14.92197
1810	1210	14.86293
1760	1160	14.79095
1710	1110	14.70541
1660	1060	14.60562
1610	1010	14.49077
1560	960	14.35994
1510	910	14.21207
1460	860	14.04592
1410	810	13.86006
1360	760	13.6528
1310	710	13.42218
1260	660	13.16583
1210	610	12.88094
1160	560	12.56406
1110	510	12.21097
1060	460	11.81639
1010	410	11.37357
960	360	10.87368
910	310	10.30484
860	260	9.650398
810	210	8.885723
760	160	7.971568
710	110	6.837633
660	60	5.329123
610	10	2.874737



W = assume 15.1 in/yr precip @ 20% and 10.9 in/yr irrigation @ 50% (26 in/yr ave grass pasture requirement minus precip and 50% percolation from irrigation)

Attachment C

- Vegetation Photographs

Photograph 1. Typical Lamb Lakes grass cover in upland areas without regular mowing

Photograph 2. Typical Lamb Lakes grass cover in upland areas with regular mowing

Photograph 3. Typical Lamb Lakes unimproved road in upland area with adjacent Kochia (sp) weed growth

Photograph 4. Typical Lamb Lakes grass cover in upland areas adjacent to unimproved roads

Photograph 5. Typical Lamb Lakes grass cover in moist areas without regular mowing and sporadic thistle growth

Photograph 6. Typical Lamb Lakes grass cover in moist areas without regular mowing

Photograph 7. Typical Lamb Lakes grasses including Wheatgrasses (sp), Smooth brome, Switchgrass, Upland Saltgrass, Alkali sacaton, and Grama (sp)

Attachment D

- Proof of Publication
- Proof of Notification to Land Owners within 200 Feet
- Proof of Structure Agreement Offers

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Public Notices
for the latest...

Public Notices

COUNTY OF LARIMER, COLORADO
NOTICE OF CONTRACTOR'S SETTLEMENT

Notice is hereby given that on the 15th day of August, 2018, at Fort Collins, Colorado final settlement will be made by the County of Larimer with SEMA Construction, Inc., 6200 Hazeltine National Drive, Suite 100, Orlando, Florida.
herein after called the "Contractor" for and on account of the contract for Bid No. 16-68, Project No. 9339 – Fish Creek Road Public Infrastructure Project.
Any person(s), co partnership, association or corporation having an unpaid claim against said project, for or on account of the furnishing of labor, material, team hire, sustenance, provisions, provender or other supplies consumed by such contractor or any of his subcontractors in or about the performance of said work, may, at any time up to and including said time of final settlement, file a verified statement of the amount due and unpaid on account of such claim.
All such claims shall be filed with the Larimer County Engineering Department, 200 W. Oak St, Suite 3000, Post Office Box 1190, Fort Collins, Colorado 80522, on or before 4:30 P.M. on the final settlement date above.
Failure on the part of the creditor to file such statement subsequent to such final settlement will relieve the County of Larimer from any and all liability for such claim.
Dated at Fort Collins, Colorado this 30th day of July, 2018.

Heather MacMillan
Purchasing Director

0003056642
Coloradoan
July 30, 31, 2018

District Court
Larimer County, Colorado
201 LaPorte Ave. Ste. 100
Ft. Collins, CO 80521
NOTICE TO CREDITORS
Estate of ROBERT MICHAEL SNINCAK, Deceased
Case Number 2018PR30392
All persons having claims against the above-named estate are required to present them to the Personal Representative or to District Court of Boulder, County, Colorado on or before 11/30/2018, or the claims may be forever barred.
Roby Scott Christian
7200 E. Dry Creek Rd. Ste. B201
Centennial, CO 80112

0003062255
Coloradoan
July 30, Aug. 6, 13, 2018

District Court, Larimer County, Colorado, Court Address: 201 LaPorte Ave., Suite 100, Fort Collins, CO 80521, Phone Number: (970) 498-6100
CYNTHIA R. CARPIO,
Plaintiffs
v.
CORRINE N. LEVESQUE, MARTIN N. WINTERS and ALL UNKNOWN PERSONS WHO CLAIM ANY INTEREST IN THE SUBJECT MATTER OF THIS ACTION. Defendants.
Case No.: 2018 CV 30392
Division: 4A
SUMMONS BY PUBLICATION
THE PEOPLE OF THE STATE OF COLORADO
TO THE ABOVE-NAMED DEFENDANT(S): You are hereby summoned and required to appear and defend against the claims of the complaint filed with the court in this action, by filing with the clerk of this court an answer or other response. You are required to file your answer or other response within 35 days after the service of this summons upon you. Service of this summons shall be complete on the day of the last publication. A copy of the complaint may be obtained from the clerk of the Court.
If you fail to file your answer or other response to the complaint in writing within 35 days after the date of the last publication, judgment by default may be rendered against you by the court for the relief demanded in the complaint without further notice.
This is an action to quiet title of the Plaintiff in and to the real property situated in Larimer County, Colorado, more particularly described as Lot Nine (9), Block Two (2), Cedar Springs Estates, Filing No. 1.
Dated: July 19, 2018
COAN, PAYTON & PAYNE, LLC

Public Notices

/s/ William F. Garcia, #28641
This summons is issued pursuant to Rule 4(g), Colorado Rules of Civil Procedure.

0003045079
Coloradoan
July 23, 30; Aug 6, 13, 2018

District Court
Larimer County, Colorado
Court Address: 201 La Porte Ave., Suite 100, Ft. Collins, CO 80521
NOTICE TO CREDITORS
Estate of Karl Donald Yost, AKA Karl Yost and Karl D. Yost, Deceased
Case Number 2018PR30365

All persons having claims against the above-named estate are required to present them to the Personal Representative or to District Court of Larimer, County, Colorado on or before November 24, 2018, or the claims may be forever barred.

Gina M. Weinberger, attorney for personal representative
2425 Canyon Blvd. #110
Boulder, CO 80302

3045642
Coloradoan
July 23, 30, Aug. 6, 2018

NOTICE OF PUBLIC HEARING

TO ALL INTERESTED PERSONS:
Please take notice that on Monday, August 27, 2018, at 3:00 pm, the Larimer County Board of County Commissioners will hold a public hearing in the Hearing Room of the Larimer County Courthouse Offices, 200 West Oak, Fort Collins, Colorado, concerning the following:
Applicant: Martin Marietta Materials, Inc. - Fort Collins
Property Owner(s): Gerald Moran, Charlene Moran, Eugene H/ Bradley J/ Kenneth L/ Paul R Barker
Request: Special Review for a concrete batch plant in the I -Industrial zoning district. The request also includes an appeal to Sections 8.1.5.B.4 & 4.1.19.B.3 of the Larimer County Land Use Code to allow the silos to be 89 feet high.
Property Description: 102 South Summit View, Fort Collins; East of Summit View, north of Donelia Ct.
Property Street Address: 102 S Summit View, Fort Collins, CO 80524, 114 S Summit View, Fort Collins, CO 80524
File Name/Number: Summit View Ready Mix Special Review, 17-ZONE2283
The File and relevant documents may be examined in the Office of Planning Services of the County of Larimer at the Larimer County Courthouse, Fort Collins, Colorado during regular business hours.

0003061380
Coloradoan
July 30, 2018

NOTICE OF PUBLIC HEARING
TOWN OF WELLINGTON
LIQUOR LICENSE REVIEW BOARD
NOTICE is hereby given that the Liquor License Review Board of the Town of Wellington will hold a public hearing commencing at 7:30 p.m., Tuesday, August 14, 2018 at the Wilson Leeper Center, 3800 Wilson Avenue, Wellington, Colorado 80549.
The purpose of this public hearing is to review a renewal application for a Beer and Wine License for Papa's Table Restaurant, Inc., 3728 Cleveland Avenue, Town of Wellington, County of Larimer, State of Colorado. Owned by Hong Casabona.
Any person may appear at the public hearing and be heard regarding the matters under consideration.
Pertinent information is on file and available for public inspection in the office of the Town Administrator of the Town of Wellington, at the Wellington Town Hall, 3735 Cleveland Avenue, Wellington, Colorado 80549
Dated this 27th day of July, 2018.
TOWN OF WELLINGTON, COLORADO
By: /s/ Cynthia Sullivan, CMC
Deputy Town Clerk

3063531
Coloradoan
July 30, 2018

NOTICE OF PUBLIC HEARING
TOWN OF WELLINGTON
LIQUOR LICENSE REVIEW BOARD
NOTICE is hereby given that the Liquor License Review Board of the Town of Wellington will hold a public hearing commencing at 7:30 p.m., Tuesday, August 14, 2018 at the Wilson Leeper Center, 3800 Wilson Avenue, Wellington, Colorado 80549.
The purpose of this public hearing is to review a renewal application for a Hotel Restaurant Liquor License for Sol de Jalisco Mexican Restaurant, Inc., 3750 Cleveland Avenue, Town of Wellington, County of Larimer, State of Colorado. Owned by Jesus and Myrna Rodriguez.
Any person may appear at the public hearing and be heard regarding the matters under consideration.
Pertinent information is on file and available for public inspection in the office of the Town Administrator of the Town of Wellington, at the Wellington Town Hall, 3735 Cleveland Avenue, Wellington, Colorado 80549
Dated this 27th day of July, 2018.
TOWN OF WELLINGTON, COLORADO
By: /s/ Cynthia Sullivan, CMC
Deputy Town Clerk

3063522
Coloradoan
July 30, 2018

PUBLIC NOTICE
North Weld County Water District, 32825 CR 39, Lucerne, Colorado 80646; (970) 356-3020, has filed an application for a Regular (112) Construction Materials Operation Reclamation Permit with the Colorado Mined Land Reclamation Board under provisions of the Colorado Land Reclamation Act for the extraction of construction materials. The proposed operation is known as Lamb Lakes and is located in or near Section 3, Township 7 North, Range 69 West of the 6th Prime Meridian, Larimer County, Colorado. The general location of this operation is approximately one (1) mile north of the City of Fort Collins, Colorado and approximately 0.5 miles east of North Taft Hill Road.
The proposed date of commencement for operations included in the permit area is 2018 and the proposed date of completion is 2029. The proposed future use of the land is developed water storage. Additional information and tentative decision date may be obtained from the Division of Reclamation, Mining and Safety; 1313 Sherman Street, Room 215, Denver, Colorado 80203, (303) 866-3567, or the Larimer County Clerk

Public Notices

NOTICE OF FEDERALLY FUNDED AFFORDABLE HOUSING DEMOLITION CONSTRUCTION ACTIVITY AND ONE FOR ONE HOUSING UNIT REPLACEMENT

City of Fort Collins
Social Sustainability Department
P. O. Box 580
Fort Collins, Colorado
970-221-6812

Grant Nos.:
M-17-MC-08-0209
B-17-MC-08-0008

NOTICE:
Issued: July 30, 2018

TO ALL INTERESTED AGENCIES, GROUPS AND PERSONS:

On and after August 1, 2018 the City of Fort Collins will provide Community Development Block Grant funds and HOME Investment Partnership funding to an affordable housing rehabilitation project that will trigger one for one replacement housing units under the City of Fort Collins' Residential Anti-displacement and Relocation Assistance Plan (RARAP), as prescribed by HUD at 24 CFR 42.375.

Project Title or Name: DMA Plaza

Description of proposed activity: Rehabilitation of an 11-story affordable housing complex currently consisting of 126-residential units. Scope of the project includes: Asbestos removal, replacement/updating of major systems, energy conversation upgrades, complete interior renovation of all units, halls and common areas and conversion of 2 residential units into a community exercise room and expanded laundry room.

Location and number of units to be removed:
300 Remington, Street, Fort Collins, CO 80524
2 residential units being removed (studio apartment and 2-bedroom)

Location and number of replacement units:
Village on Horsetooth, 1506 W. Horsetooth Road, Fort Collins CO 80525
2 replacement units (1-bedroom unit and 2-bedroom unit)

Source of Funding and timing for providing the replacement units:
HOME Investment Partnership Funds, Low Income Housing Tax Credits (LIHTC) and City of Fort Collins Land Bank Program
Expected unit completion: March 31, 2019

Affordability Period:
Deed restrictions on the property require the housing units to remain affordable into perpetuity.

Submission to HUD:
The City of Fort Collins is submitting this plan to HUD for compliance and monitoring as required by 24 CFR 42.375. Any questions related to the project may be directed to: Beth Rosen, City of Fort Collins, Social Sustainability Department, P. O. Box 580, Fort Collins, Colorado, 970-221-6812.

Beth Rosen, Grants Compliance Manager

3063677
Coloradoan
July 30, 2018

Public Notices

and Recorder's office, 200 W. Oak Street, Fort Collins, Colorado, 80521, (970) 498-7860 or the above-named applicant.
Comments must be in writing and must be received by the Division of Reclamation, Mining, and Safety by 4:00 p.m. on September 10, 2018.
Please note that under the provisions of C.R.S. 34-32.5-101 et seq. Comments related to noise, truck traffic, hours of operation, visual impacts, effects on property values and other social or economic concerns are issues not subject to this Office's jurisdiction. These subjects, and similar ones, are typically addressed by your local governments, rather than the Division of Reclamation, Mining, and Safety or the Mined Land Reclamation Board.

3063113
Coloradoan
July 30, Aug. 6, 13, 20, 2018

TOWN OF TIMNATH, COLORADO
NOTICE OF PUBLIC HEARINGS FOR THE RENDEZVOUS SUBDIVISION FINAL PLAT

PUBLIC NOTICE IS HEREBY GIVEN of two public hearings before the Timnath Planning Commission and Town Council at the following dates, time and place:
7th day of August, 2018 – Planning Commission Public Hearing at 6:00 P.M.
and
14th day of August, 2018 – Town Council Public Hearing at 6:00 P.M.
Timnath Administration Building
4800 Goodman Street
Timnath, Colorado

The hearings are for the purpose of taking public comment on the proposed Final Plat application to subdivide real property in accordance with the Timnath Municipal Land Use Code.
The proposed subdivision is a proposal to plat 2 existing lots located south of Harmony Road and west of Three Bell Parkway into 220 lots and future devel-

Public Notices

opment tracts.

GIVEN AND POSTED this 26th day of August, 2018

Milissa Peters, Town Clerk

3061993
Coloradoan
July 30, 2018

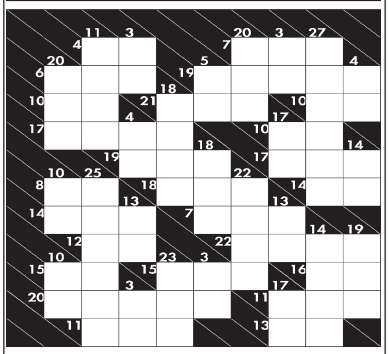
For more listings, visit
cars.com
Confidence Comes Standard.®

FORT COLLINS COLORADOAN

COLORADOAN CLASSIFIEDS

Call
224-4000
for rates & information

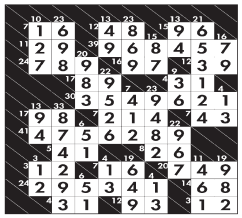
Kakuro



7-30-18

©2018 DJB/KF Dist. Andrews McMeel Syndication

PREVIOUS SOLUTION



HOW TO PLAY
Fill in the squares using any number from 1 to 9, without repeating any numbers in a run line (row or column blocked off by black boxes). The numbers in each horizontal run line must add up to the sum shown in the black box to its left (above the diagonal). The numbers in each vertical run line must add up to the sum shown in the black box at its top (below the diagonal).

Work space

SUDOKU

DIFFICULTY RATING: ★☆☆☆☆

6	5				2		9	
		4		6				2
1			7	9	4	5		
	3			4	6	7		9
7	4	6		5		8	3	1
8		5	3	7			2	
		8	9	1	7			5
4				3		9		
	1		4				7	6

7/30

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PREVIOUS SOLUTION

5	7	4	3	2	1	9	8	6
3	9	1	5	8	6	2	7	4
6	2	8	7	4	9	1	5	3
2	3	9	6	7	5	8	4	1
1	6	7	4	3	8	5	2	9
8	4	5	9	1	2	3	6	7
4	5	3	2	9	7	6	1	8
9	8	2	1	6	4	7	3	5
7	1	6	8	5	3	4	9	2

HOW TO PLAY:
Each row, column and set of 3-by-3 boxes must contain the numbers 1 through 9 without repetition.

PUZZLES

CROSSWORD *By Eugene Sheffer*

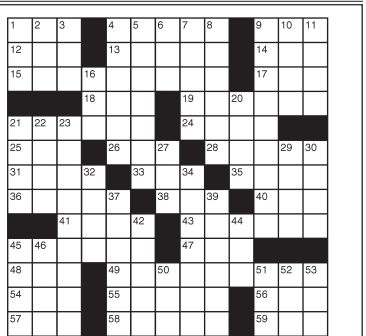
ACROSS
1 Bread spread
4 Island off Venezuela
9 Solidify
12 Rowing need
13 Musical symbols
14 Exist
15 Research institute
17 Actress Long
18 Ga. neighbor
19 Pooh's pal
21 Second-hand rental
24 Crisp cookie
25 NBC sketch show
26 Collection
28 Ravine
31 Ocho —, Jamaica
33 Bando of baseball
35 Volcanic flow
36 Unemotional
38 Happy Hour venue
40 Zero
41 Narcotic
43 League newbie
45 Drink
47 Iowa college
48 Fluffy scarf
49 Famed diarist
54 A billion years
55 Nary a soul
56 Scottish river
57 "For shame!"
58 Nymph pursuer
59 Abrupt turn

DOWN
1 Scribble (down)
2 Satisfied sigh
3 Hosp. scan
4 Leg joints
5 Spins
6 Tony-winner Hagen
7 Natural talents
8 Making inquiries
9 Shipboarding bridge
10 Buffalo's lake
11 Mad king of theater
16 Super Bowl org.
20 Old name for France
21 Ukr. and Lith., once (Abbr.)
22 Military group
23 Red Cross repository
27 Indent key
29 107, to Cato
30 Robust
32 iPhone voice
34 Theft
37 Havana populace
39 House-top laborer
42 Salami variety
44 "— the ramparts ..."
45 "Yeah, right"
46 Cattle calls?
50 Part of NIMBY
51 Wood-shaping tool
52 PBS funder
53 Beer barrel

Solution time: 21 mins.

T	I	M	■	A	M	O	R	■	F	O	A	L
O	D	E	■	L	E	V	I	■	I	N	F	O
M	O	N	■	A	L	E	C	■	S	C	A	B
B	L	U	E	S	B	R	O	T	H	E	R	S
■	■	■	S	K	A	■	T	R	Y	■	■	■
T	A	M	P	A	■	U	T	E	■	V	A	T
O	R	A	N	■	S	P	A	■	P	O	L	O
M	I	X	■	P	O	S	■	N	E	W	S	Y
■	■	■	G	R	R	■	W	O	E	■	■	■
T	H	E	M	O	O	D	Y	B	L	U	E	S
H	O	L	A	■	O	R	A	L	■	R	A	H
A	M	B	I	■	G	A	T	E	■	N	S	A
N	E	A	L	■	E	M	T	S	■	S	E	W

Saturday's answer 7-30



JUMBLE

Unscramble these four Jumbles, one letter to each square, to form four ordinary words.

RREVO

FIWTS

CAPUNK

DDDEAP

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Check out the new, free JUST JUMBLE app

THAT SCRAMBLED WORD GAME
by David L. Hoyt and Jeff Knurek

Now arrange the circled letters to form the surprise answer, as suggested by the above cartoon.

Answer here:

(Answers tomorrow)

Saturday's Jumbles: TOXIN FEVER SPOOKY ISLAND
Answer: After bowling a 300 game, people wanted the bowler to — STRIKE A POSE

Text of Ad: 07/27/2018

PUBLIC NOTICE
North Weld County Water District, 32825 CR 39, Lucerne, Colorado 80646; (970) 356-3020, has filed an application for a Regular (112) Construction Materials Operation Reclamation Permit with the Colorado Mined Land Reclamation Board under provisions of the Colorado Land Reclamation Act for the extraction of construction materials. The proposed operation is known as Lamb Lakes and is located in or near Section 3, Township 7 North, Range 69 West of the 6th Prime Meridian, Larimer County, Colorado. The general location of this operation is about one (1) mile north of the City of Fort Collins, Colorado and approximately 0.5 miles east of North Taft Hill Road.
The proposed date of commencement for operations included in the permit area is 2018 and the proposed date of completion is 2029. The proposed future use of the land is developed water storage. Additional information and tentative decision date may be obtained from the Division of Reclamation, Mining and Safety; 1313 Sherman Street, Room 215, Denver, Colorado 80203, (303) 866-3567, or the Larimer County Clerk and Recorder's office, 200 W. Oak Street, Fort Collins, Colorado, 80521, (970) 498-7860 or the above-named applicant.
Comments must be in writing and must be received by the Division of Reclamation, Mining, and Safety by 4:00 p.m. on September 10, 2018.
Please note that under the provisions of C.R.S. 34-32.5-101 et seq. Comments related to noise, truck traffic, hours of operation, visual impacts, effects on property values and other social or economic concerns are issues not subject to this Office's jurisdiction. These subjects, and similar ones, are typically addressed by your local governments, rather than the Division of Reclamation, Mining, and Safety or the Mined Land Reclamation Board.

3063113
Coloradoan
July 30, Aug. 6, 13, 20, 2018

PUBLIC NOTICE

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The proposed date of commencement for operations included in the permit area is 2018 and the proposed date of completion is 2029. The proposed future use of the land is developed water storage. Additional information and tentative decision date may be obtained from the Division of Reclamation, Mining and Safety; 1313 Sherman Street, Room 215, Denver, Colorado 80203, (303) 866-3567, or the Larimer County Clerk and Recorder's office, 200 W. Oak Street, Fort Collins, Colorado, 80521, (970) 498-7860 or the above-named applicant.

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July 31, 2018

City of Fort Collins
PO Box 580
Fort Collins, CO 80522-0580

Larimer County Parcel Number: 9703000943, 9703100902, 9703100945, 9703200942, 9703410901

Dear Landowner/Easement Holder:

In conformance with the rules and regulations established by the Mined Land Reclamation Board, the attached notice is being sent to inform you of the North Weld County Water District application for the Lamb Lakes site. The proposed project would create developed water storage at or near Section 3, Township 7 North, Range 69 West of the 6th Prime Meridian, Larimer County, Colorado. The general location of this project is approximately one mile north of the City of Fort Collins, Colorado and approximately ½ mile east of North Taft Hill Road.

Should you wish to obtain additional information regarding the project, you may contact any of the individuals indicated in the notice or **Bill Schenderlein** at (970) 227-2803.

Written responses must be forwarded to the Division of Reclamation, Mining, and Safety; 1313 Sherman Street, Room 215, Denver, Colorado 80203, (303) 866-3567, by 4:00 p.m. on September 10, 2018

Sincerely,
Blue Earth Solutions, LLC

William Schenderlein
Project Manager

Enclosure

July 31, 2018

City of Fort Collins
300 Laporte Ave
Fort Collins, CO 80521

Larimer County Parcel Number: 9703100906, 9703200949

Dear Landowner/Easement Holder:

In conformance with the rules and regulations established by the Mined Land Reclamation Board, the attached notice is being sent to inform you of the North Weld County Water District application for the Lamb Lakes site. The proposed project would create developed water storage at or near Section 3, Township 7 North, Range 69 West of the 6th Prime Meridian, Larimer County, Colorado. The general location of this project is approximately one mile north of the City of Fort Collins, Colorado and approximately ½ mile east of North Taft Hill Road.

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Written responses must be forwarded to the Division of Reclamation, Mining, and Safety; 1313 Sherman Street, Room 215, Denver, Colorado 80203, (303) 866-3567, by 4:00 p.m. on September 10, 2018

Sincerely,
Blue Earth Solutions, LLC

William Schenderlein
Project Manager

Enclosure

July 31, 2018

Poudre R-1 School District
2407 Laporte Ave
Fort Collins, CO 80521

Larimer County Parcel Number: 9703100907, 9703300909

Dear Landowner/Easement Holder:

In conformance with the rules and regulations established by the Mined Land Reclamation Board, the attached notice is being sent to inform you of the North Weld County Water District application for the Lamb Lakes site. The proposed project would create developed water storage at or near Section 3, Township 7 North, Range 69 West of the 6th Prime Meridian, Larimer County, Colorado. The general location of this project is approximately one mile north of the City of Fort Collins, Colorado and approximately ½ mile east of North Taft Hill Road.

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Written responses must be forwarded to the Division of Reclamation, Mining, and Safety; 1313 Sherman Street, Room 215, Denver, Colorado 80203, (303) 866-3567, by 4:00 p.m. on September 10, 2018

Sincerely,
Blue Earth Solutions, LLC

William Schenderlein
Project Manager

Enclosure

July 31, 2018

County of Larimer – Emergency Services
1303 N Shields Street
Fort Collins, CO 80524

Larimer County Parcel Number: 9703100920

Dear Landowner/Easement Holder:

In conformance with the rules and regulations established by the Mined Land Reclamation Board, the attached notice is being sent to inform you of the North Weld County Water District application for the Lamb Lakes site. The proposed project would create developed water storage at or near Section 3, Township 7 North, Range 69 West of the 6th Prime Meridian, Larimer County, Colorado. The general location of this project is approximately one mile north of the City of Fort Collins, Colorado and approximately ½ mile east of North Taft Hill Road.

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Written responses must be forwarded to the Division of Reclamation, Mining, and Safety; 1313 Sherman Street, Room 215, Denver, Colorado 80203, (303) 866-3567, by 4:00 p.m. on September 10, 2018

Sincerely,
Blue Earth Solutions, LLC

William Schenderlein
Project Manager

Enclosure

July 31, 2018

Steward, Steven Blain
2812 Tulane Dr
Fort Collins, CO 80525

Larimer County Parcel Number: 9703200051

Dear Landowner/Easement Holder:

In conformance with the rules and regulations established by the Mined Land Reclamation Board, the attached notice is being sent to inform you of the North Weld County Water District application for the Lamb Lakes site. The proposed project would create developed water storage at or near Section 3, Township 7 North, Range 69 West of the 6th Prime Meridian, Larimer County, Colorado. The general location of this project is approximately one mile north of the City of Fort Collins, Colorado and approximately ½ mile east of North Taft Hill Road.

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Written responses must be forwarded to the Division of Reclamation, Mining, and Safety; 1313 Sherman Street, Room 215, Denver, Colorado 80203, (303) 866-3567, by 4:00 p.m. on September 10, 2018

Sincerely,
Blue Earth Solutions, LLC

William Schenderlein
Project Manager

Enclosure

July 31, 2018

Connell, Richard
5925 Palmer Ct
Fort Collins, CO 80528

Larimer County Parcel Number: 9703205703

Dear Landowner/Easement Holder:

In conformance with the rules and regulations established by the Mined Land Reclamation Board, the attached notice is being sent to inform you of the North Weld County Water District application for the Lamb Lakes site. The proposed project would create developed water storage at or near Section 3, Township 7 North, Range 69 West of the 6th Prime Meridian, Larimer County, Colorado. The general location of this project is approximately one mile north of the City of Fort Collins, Colorado and approximately ½ mile east of North Taft Hill Road.

Should you wish to obtain additional information regarding the project, you may contact any of the individuals indicated in the notice or **Bill Schenderlein** at (970) 227-2803.

Written responses must be forwarded to the Division of Reclamation, Mining, and Safety; 1313 Sherman Street, Room 215, Denver, Colorado 80203, (303) 866-3567, by 4:00 p.m. on September 10, 2018

Sincerely,
Blue Earth Solutions, LLC

William Schenderlein
Project Manager

Enclosure

July 31, 2018

City of Greeley
1100 10th Street, #300
Greeley, CO 80631

Larimer County Parcel Number: 9703206701

Dear Landowner/Easement Holder:

In conformance with the rules and regulations established by the Mined Land Reclamation Board, the attached notice is being sent to inform you of the North Weld County Water District application for the Lamb Lakes site. The proposed project would create developed water storage at or near Section 3, Township 7 North, Range 69 West of the 6th Prime Meridian, Larimer County, Colorado. The general location of this project is approximately one mile north of the City of Fort Collins, Colorado and approximately ½ mile east of North Taft Hill Road.

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Written responses must be forwarded to the Division of Reclamation, Mining, and Safety; 1313 Sherman Street, Room 215, Denver, Colorado 80203, (303) 866-3567, by 4:00 p.m. on September 10, 2018

Sincerely,
Blue Earth Solutions, LLC

William Schenderlein
Project Manager

Enclosure

July 31, 2018

Gustafson, Randy C/Janetta F
1154 N Taft Hill Rd
Fort Collins, CO 80521

Larimer County Parcel Number: 9703300001

Dear Landowner/Easement Holder:

In conformance with the rules and regulations established by the Mined Land Reclamation Board, the attached notice is being sent to inform you of the North Weld County Water District application for the Lamb Lakes site. The proposed project would create developed water storage at or near Section 3, Township 7 North, Range 69 West of the 6th Prime Meridian, Larimer County, Colorado. The general location of this project is approximately one mile north of the City of Fort Collins, Colorado and approximately ½ mile east of North Taft Hill Road.

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Written responses must be forwarded to the Division of Reclamation, Mining, and Safety; 1313 Sherman Street, Room 215, Denver, Colorado 80203, (303) 866-3567, by 4:00 p.m. on September 10, 2018

Sincerely,
Blue Earth Solutions, LLC

William Schenderlein
Project Manager

Enclosure

July 31, 2018

Arnett, Clinton D & Greiman, Selesta Jane
2401 Mapleton Cir
Longmont, CO 80503

Larimer County Parcel Number: 9703409701, 9703409702

Dear Landowner/Easement Holder:

In conformance with the rules and regulations established by the Mined Land Reclamation Board, the attached notice is being sent to inform you of the North Weld County Water District application for the Lamb Lakes site. The proposed project would create developed water storage at or near Section 3, Township 7 North, Range 69 West of the 6th Prime Meridian, Larimer County, Colorado. The general location of this project is approximately one mile north of the City of Fort Collins, Colorado and approximately ½ mile east of North Taft Hill Road.

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Written responses must be forwarded to the Division of Reclamation, Mining, and Safety; 1313 Sherman Street, Room 215, Denver, Colorado 80203, (303) 866-3567, by 4:00 p.m. on September 10, 2018

Sincerely,
Blue Earth Solutions, LLC

William Schenderlein
Project Manager

Enclosure

July 31, 2018

Martin Marietta Materials Inc
1800 N Taft Hill Road
Fort Collins, CO 80521

Larimer County Parcel Number: 9834000025, 9703206702

Dear Landowner/Easement Holder:

In conformance with the rules and regulations established by the Mined Land Reclamation Board, the attached notice is being sent to inform you of the North Weld County Water District application for the Lamb Lakes site. The proposed project would create developed water storage at or near Section 3, Township 7 North, Range 69 West of the 6th Prime Meridian, Larimer County, Colorado. The general location of this project is approximately one mile north of the City of Fort Collins, Colorado and approximately ½ mile east of North Taft Hill Road.

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Written responses must be forwarded to the Division of Reclamation, Mining, and Safety; 1313 Sherman Street, Room 215, Denver, Colorado 80203, (303) 866-3567, by 4:00 p.m. on September 10, 2018

Sincerely,
Blue Earth Solutions, LLC

William Schenderlein
Project Manager

Enclosure

July 31, 2018

Larimer and Weld Irrigation Co
PO Box 206
Eaton, CO 80615

Larimer County Parcel Number: 9834000913

Dear Landowner/Easement Holder:

In conformance with the rules and regulations established by the Mined Land Reclamation Board, the attached notice is being sent to inform you of the North Weld County Water District application for the Lamb Lakes site. The proposed project would create developed water storage at or near Section 3, Township 7 North, Range 69 West of the 6th Prime Meridian, Larimer County, Colorado. The general location of this project is approximately one mile north of the City of Fort Collins, Colorado and approximately ½ mile east of North Taft Hill Road.

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Written responses must be forwarded to the Division of Reclamation, Mining, and Safety; 1313 Sherman Street, Room 215, Denver, Colorado 80203, (303) 866-3567, by 4:00 p.m. on September 10, 2018

Sincerely,
Blue Earth Solutions, LLC

William Schenderlein
Project Manager

Enclosure

July 31, 2018

Arthur Irrigation Company
2600 S Timberline Rd
Fort Collins, CO 80525

Larimer County Parcel Number: Irrigation Canal

Dear Landowner/Easement Holder:

In conformance with the rules and regulations established by the Mined Land Reclamation Board, the attached notice is being sent to inform you of the North Weld County Water District application for the Lamb Lakes site. The proposed project would create developed water storage at or near Section 3, Township 7 North, Range 69 West of the 6th Prime Meridian, Larimer County, Colorado. The general location of this project is approximately one mile north of the City of Fort Collins, Colorado and approximately ½ mile east of North Taft Hill Road.

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Written responses must be forwarded to the Division of Reclamation, Mining, and Safety; 1313 Sherman Street, Room 215, Denver, Colorado 80203, (303) 866-3567, by 4:00 p.m. on September 10, 2018

Sincerely,
Blue Earth Solutions, LLC

William Schenderlein
Project Manager

Enclosure

July 31, 2018

Platte River Power Authority
2000 E Horsetooth Rd
Fort Collins, CO 80525

Larimer County Parcel Number: High Voltage Power Transmission Lines

Dear Landowner/Easement Holder:

In conformance with the rules and regulations established by the Mined Land Reclamation Board, the attached notice is being sent to inform you of the North Weld County Water District application for the Lamb Lakes site. The proposed project would create developed water storage at or near Section 3, Township 7 North, Range 69 West of the 6th Prime Meridian, Larimer County, Colorado. The general location of this project is approximately one mile north of the City of Fort Collins, Colorado and approximately ½ mile east of North Taft Hill Road.

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Written responses must be forwarded to the Division of Reclamation, Mining, and Safety; 1313 Sherman Street, Room 215, Denver, Colorado 80203, (303) 866-3567, by 4:00 p.m. on September 10, 2018

Sincerely,
Blue Earth Solutions, LLC

William Schenderlein
Project Manager

Enclosure

July 31, 2018

North Weld County Water District
32825 County Rd 39
Lucerne, CO 80646

Larimer County Parcel Number: 9703206701, Water Transmission Lines and Associated Infrastructure

Dear Landowner/Easement Holder:

In conformance with the rules and regulations established by the Mined Land Reclamation Board, the attached notice is being sent to inform you of the North Weld County Water District application for the Lamb Lakes site. The proposed project would create developed water storage at or near Section 3, Township 7 North, Range 69 West of the 6th Prime Meridian, Larimer County, Colorado. The general location of this project is approximately one mile north of the City of Fort Collins, Colorado and approximately ½ mile east of North Taft Hill Road.

Should you wish to obtain additional information regarding the project, you may contact any of the individuals indicated in the notice or **Bill Schenderlein** at (970) 227-2803.

Written responses must be forwarded to the Division of Reclamation, Mining, and Safety; 1313 Sherman Street, Room 215, Denver, Colorado 80203, (303) 866-3567, by 4:00 p.m. on September 10, 2018

Sincerely,
Blue Earth Solutions, LLC

William Schenderlein
Project Manager

Enclosure

July 31, 2018

Poudre Valley REA
7649 REA Parkway
Fort Collins, CO 80528

Larimer County Parcel Number: Overhead Utility Lines

Dear Landowner/Easement Holder:

In conformance with the rules and regulations established by the Mined Land Reclamation Board, the attached notice is being sent to inform you of the North Weld County Water District application for the Lamb Lakes site. The proposed project would create developed water storage at or near Section 3, Township 7 North, Range 69 West of the 6th Prime Meridian, Larimer County, Colorado. The general location of this project is approximately one mile north of the City of Fort Collins, Colorado and approximately ½ mile east of North Taft Hill Road.

Should you wish to obtain additional information regarding the project, you may contact any of the individuals indicated in the notice or **Bill Schenderlein** at (970) 227-2803.

Written responses must be forwarded to the Division of Reclamation, Mining, and Safety; 1313 Sherman Street, Room 215, Denver, Colorado 80203, (303) 866-3567, by 4:00 p.m. on September 10, 2018

Sincerely,
Blue Earth Solutions, LLC

William Schenderlein
Project Manager

Enclosure

July 31, 2018

East Larimer County Water District
232 South Link Lane
Fort Collins, CO 80524

Larimer County Parcel Number: 9703206701, Water Transmission Lines and Associated Infrastructure

Dear Landowner/Easement Holder:

In conformance with the rules and regulations established by the Mined Land Reclamation Board, the attached notice is being sent to inform you of the North Weld County Water District application for the Lamb Lakes site. The proposed project would create developed water storage at or near Section 3, Township 7 North, Range 69 West of the 6th Prime Meridian, Larimer County, Colorado. The general location of this project is approximately one mile north of the City of Fort Collins, Colorado and approximately ½ mile east of North Taft Hill Road.

Should you wish to obtain additional information regarding the project, you may contact any of the individuals indicated in the notice or **Bill Schenderlein** at (970) 227-2803.

Written responses must be forwarded to the Division of Reclamation, Mining, and Safety; 1313 Sherman Street, Room 215, Denver, Colorado 80203, (303) 866-3567, by 4:00 p.m. on September 10, 2018

Sincerely,
Blue Earth Solutions, LLC

William Schenderlein
Project Manager

Enclosure

July 31, 2018

Fort Collins-Loveland Water District
5150 Snead Drive
Fort Collins, CO 80525

Larimer County Parcel Number: 9703206701

Dear Landowner/Easement Holder:

In conformance with the rules and regulations established by the Mined Land Reclamation Board, the attached notice is being sent to inform you of the North Weld County Water District application for the Lamb Lakes site. The proposed project would create developed water storage at or near Section 3, Township 7 North, Range 69 West of the 6th Prime Meridian, Larimer County, Colorado. The general location of this project is approximately one mile north of the City of Fort Collins, Colorado and approximately ½ mile east of North Taft Hill Road.

Should you wish to obtain additional information regarding the project, you may contact any of the individuals indicated in the notice or **Bill Schenderlein** at (970) 227-2803.

Written responses must be forwarded to the Division of Reclamation, Mining, and Safety; 1313 Sherman Street, Room 215, Denver, Colorado 80203, (303) 866-3567, by 4:00 p.m. on September 10, 2018

Sincerely,
Blue Earth Solutions, LLC

William Schenderlein
Project Manager

Enclosure

7018 1130 0001 3916 4005

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at *www.usps.com®*.

FORT COLLINS, CO 80521

OFFICIAL USE

Certified Mail Fee	$3.45
Extra Services & Fees (check box, add fee as appropriate)	
☐ Return Receipt (hardcopy)	$0.00
☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$
Postage	$0.50
Total Postage and Fees	$6.70

$2.75 0196 32

Postmark Here
AUG 1 2018
08/01/2018

Sent To
POUDRE R-1 SCHOOL DISTRICT
2407 LAPORTE AVE
FORT COLLINS, CO 80521

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

POUDRE R-1 SCHOOL DISTRICT
2407 LAPORTE AVE
FORT COLLINS, CO 80521

9590 9402 1272 5246 6367 09

2. Article Number *(Transfer from service label)*
7018 1130 0001 3916 4005

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature
x [signature] ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* Dakotah Sixta
C. Date of Delivery 8-3-18

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Insured Mail Restricted Delivery (over $500)
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

7018 1130 0001 3916 3992

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at *www.usps.com®*.

FORT COLLINS, CO 80524

OFFICIAL USE

Certified Mail Fee	$3.45
Extra Services & Fees (check box, add fee as appropriate)	
☐ Return Receipt (hardcopy)	$0.00
☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$
Postage	$0.50
Total Postage and Fees	$6.70

$2.75 0196 32

Postmark Here
AUG 1 2018
08/01/2018

Sent To
COUNTY OF LARIMER –
EMERGENCY SERVICES
1303 N SHIELDS STREET
FORT COLLINS, CO 80524

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

COUNTY OF LARIMER –
EMERGENCY SERVICES
1303 N SHIELDS STREET
FORT COLLINS, CO 80524

9590 9402 1272 5246 6366 93

2. Article Number *(Transfer from service label)*
7018 1130 0001 3916 3992

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature
x [signature] ☐ Agent ☐ Addressee

B. Received by *(Printed Name)*
C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Insured Mail Restricted Delivery (over $500)
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

7018 1130 0001 3916 4012

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at *www.usps.com®*.
FORT COLLINS, CO 80521
OFFICIAL USE

Certified Mail Fee	$3.45
Extra Services & Fees (check box, add fee as appropriate)	$2.75
☐ Return Receipt (hardcopy)	$0.00
☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$
Postage	$0.50
Total Postage and Fees	$6.70

0196 32
FORT COLLINS, CO MAIN POST OFFICE
Postmark Here
AUG 1 2018
80521 - USPS
08/01/2018

Sent To
CITY OF FORT COLLINS
300 LAPORTE AVE
FORT COLLINS, CO 80521

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

CITY OF FORT COLLINS
300 LAPORTE AVE
FORT COLLINS, CO 80521

9590 9402 1272 5246 6367 16

2. Article Number *(Transfer from service label)*
7018 1130 0001 3916 4012

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* [illegible] C. Date of Delivery 8/7/18

D. Is delivery address different from item 1? ☑ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

7018 1130 0001 3916 3954

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at *www.usps.com®*.
FORT COLLINS, CO 80521
OFFICIAL USE

Certified Mail Fee	$3.45
Extra Services & Fees (check box, add fee as appropriate)	$2.75
☐ Return Receipt (hardcopy)	$0.00
☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$
Postage	$0.50
Total Postage and Fees	$6.70

0196 32
FORT COLLINS, CO MAIN POST OFFICE
Postmark Here
AUG 1 2018
80521 - USPS
08/01/2018

Sent To
MARTIN MARIETTA MATERIALS
INC
1800 N TAFT HILL ROAD
FORT COLLINS, CO 80521

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

MARTIN MARIETTA MATERIALS
INC
1800 N TAFT HILL ROAD
FORT COLLINS, CO 80521

9590 9402 1272 5246 6366 48

2. Article Number *(Transfer from service label)*
7018 1130 0001 3916 3954

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☑ Addressee

B. Received by *(Printed Name)* [illegible] C. Date of Delivery AUG 03 2018

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Insured Mail Restricted Delivery (over $500)
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

7018 1130 0001 3916 3961

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at *www.usps.com®*.
EATON, CO 80615 OFFICIAL USE

Certified Mail Fee	$3.45
Extra Services & Fees (check box, add fee as appropriate)	
☐ Return Receipt (hardcopy)	$2.75
☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$
Postage	$0.50
Total Postage and Fees	$6.70

0196 32

Postmark Here
AUG 1 2018
08/01/2018

Sent To
LARIMER AND WELD IRRIGATION
CO
PO BOX 206
EATON, CO 80615

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

LARIMER AND WELD IRRIGATION
CO
PO BOX 206
EATON, CO 80615

9590 9402 1272 5246 6366 31

2. Article Number *(Transfer from service label)*
7018 1130 0001 3916 3961

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Kimberly Nelson ☒ Agent ☐ Addressee

B. Received by *(Printed Name)* Kimberly Nelson
C. Date of Delivery 8/2/18

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Insured Mail Restricted Delivery (over $500)
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

7017 0190 0000 6117 8381

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at *www.usps.com®*.
FORT COLLINS, CO 80522 OFFICIAL USE

Certified Mail Fee	$3.45
Extra Services & Fees (check box, add fee as appropriate)	
☐ Return Receipt (hardcopy)	$0.00
☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$
Postage	$0.50
Total Postage and Fees	$6.70

0196 32

Postmark Here
AUG 1 2018
08/01/2018

Sent To CITY OF FORT COLLINS
Street and Apt. No. PO BOX 580
City, State, ZIP+4® FORT COLLINS, CO 80522-0580

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

CITY OF FORT COLLINS
PO BOX 580
FORT COLLINS, CO 80522-0580

9590 9402 2501 6306 0308 60

2. Article Number *(Transfer from service label)*
7017 0190 0000 6117 8381

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Jerry Wood ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* JERRY WOOD
C. Date of Delivery 8/3/18

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Priority Mail Ex
☐ Registered M
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

7018 1130 0001 3916 3480

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at *www.usps.com®*.
FORT COLLINS, CO 80525 OFFICIAL USE

Certified Mail Fee	$3.45
Extra Services & Fees (check box, add fee as appropriate)	$2.75
☐ Return Receipt (hardcopy)	$0.00
☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$
Postage	$0.50
Total Postage and Fees	$6.70

0196 32
Postmark Here
AUG 1 2018
FORT COLLINS CO MAIN POST OFFICE 80525
08/01/2018

Sent To
PLATTE RIVER POWER
AUTHORITY
2000 E HORSETOOTH RD
FORT COLLINS, CO 80525

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

PLATTE RIVER POWER
AUTHORITY
2000 E HORSETOOTH RD
FORT COLLINS, CO 80525

9590 9402 1272 5246 6366 17

2. Article Number *(Transfer from service label)*
7018 1130 0001 3916 3480

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* PRPA C. Date of Delivery 8-3-18

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Insured Mail Restricted Delivery (over $500)
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

7018 1130 0001 3916 3930

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at *www.usps.com®*.
FORT COLLINS, CO 80528 OFFICIAL USE

Certified Mail Fee	$3.45
Extra Services & Fees (check box, add fee as appropriate)	$2.75
☐ Return Receipt (hardcopy)	$0.00
☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$
Postage	$0.50
Total Postage and Fees	$6.70

0196 32
Postmark Here
AUG 1 2018
FORT COLLINS CO MAIN POST OFFICE 80528
08/01/2018

Sent To
POUDRE VALLEY REA
7649 REA PARKWAY
FORT COLLINS, CO 80528

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

POUDRE VALLEY REA
7649 REA PARKWAY
FORT COLLINS, CO 80528

9590 9402 1272 5246 6365 94

2. Article Number *(Transfer from service label)*
7018 1130 0001 3916 3930

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* Heather Myers C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Insured Mail Restricted Delivery (over $500)
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

7018 1130 0001 3916 3497

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at *www.usps.com®*.
LUCERNE, CO 80646

OFFICIAL USE

Certified Mail Fee	$3.45
Extra Services & Fees *(check box, add fee as appropriate)*	
☐ Return Receipt (hardcopy)	$0.00
☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$
Postage	$0.50
Total Postage and Fees	$6.70

$2.75
0196
32
Postmark Here
AUG 1 2018
08/01/2018

Sent To
NORTH WELD COUNTY WATER DISTRICT
32825 COUNTY RD 39
LUCERNE, CO 80646

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

NORTH WELD COUNTY WATER DISTRICT
32825 COUNTY RD 39
LUCERNE, CO 80646

9590 9402 1272 5246 6366 00

2. Article Number *(Transfer from service label)*
7018 1130 0001 3916 3497

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Shannon Smith ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* Shannon Smith C. Date of Delivery 8-7-18

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

AUG - 7 2018
80646

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Insured Mail Restricted Delivery (over $500)
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

7018 1130 0001 3916 3510

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at *www.usps.com®*.
FORT COLLINS, CO 80524

OFFICIAL USE

Certified Mail Fee	$3.45
Extra Services & Fees *(check box, add fee as appropriate)*	
☐ Return Receipt (hardcopy)	$0.00
☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$
Postage	$0.50
Total Postage and Fees	$6.70

$2.75
0196
32
Postmark Here
AUG 1
08/01/2018

Sent To
EAST LARIMER COUNTY WATER DISTRICT
232 SOUTH LINK LANE
FORT COLLINS, CO 80524

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

EAST LARIMER COUNTY WATER DISTRICT
232 SOUTH LINK LANE
FORT COLLINS, CO 80524

9590 9402 1272 5246 6365 87

2. Article Number *(Transfer from service label)*
7018 1130 0001 3916 3510

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Tracy Brophy ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* TRACY BROPHY C. Date of Delivery 8/3/18

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Insured Mail Restricted Delivery (over $500)
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

7018 1130 0001 3916 3947

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at *www.usps.com®*.

LONGMONT, CO 80503

OFFICIAL USE

Certified Mail Fee	$3.45
Extra Services & Fees (check box, add fee as appropriate)	$2.75
☐ Return Receipt (hardcopy)	$0.00
☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$
Postage	$0.50
Total Postage and Fees	$6.70

Postmark Here: AUG 1 2018 FORT COLLINS, CO MAIN POST OFFICE

0196 32

08/01/2018

Sent To
ARNETT, CLINTON D & GREIMAN,
SELESTA JANE
2401 MAPLETON CIR
LONGMONT, CO 80503

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

ARNETT, CLINTON D & GREIMAN,
SELESTA JANE
2401 MAPLETON CIR
LONGMONT, CO 80503

9590 9402 1272 5246 6366 55

2. Article Number *(Transfer from service label)*
7018 1130 0001 3916 3947

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* C. Date of Delivery
C. ARNETT 8-14-18

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Insured Mail Restricted Delivery (over $500)
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

7018 1130 0001 3916 3978

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at *www.usps.com®*.

FORT COLLINS, CO 80521

OFFICIAL USE

Certified Mail Fee	$3.45
Extra Services & Fees (check box, add fee as appropriate)	$2.75
☐ Return Receipt (hardcopy)	$0.00
☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$
Postage	$0.50
Total Postage and Fees	$6.70

Postmark Here: AUG 1 2018 FORT COLLINS, CO MAIN POST OFFICE 80525 - USPS

0196 32

08/01/2018

Sent To
GUSTAFSON, RANDY C/JANETTA F
1154 N TAFT HILL RD
FORT COLLINS, CO 80521

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

GUSTAFSON, RANDY C/JANETTA F
1154 N TAFT HILL RD
FORT COLLINS, CO 80521

9590 9402 1272 5246 6366 62

2. Article Number *(Transfer from service label)*
7018 1130 0001 3916 3978

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* C. Date of Delivery
AUG 03 2018

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Insured Mail Restricted Delivery (over $500)
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

7018 1130 0001 3916 3527

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at *www.usps.com®*.
FORT COLLINS, CO 80525

OFFICIAL USE

Certified Mail Fee	$3.45
$	$2.75
Extra Services & Fees *(check box, add fee as appropriate)*	
☐ Return Receipt (hardcopy)	$ $0.00
☐ Return Receipt (electronic)	$ $0.00
☐ Certified Mail Restricted Delivery	$ $0.00
☐ Adult Signature Required	$ $0.00
☐ Adult Signature Restricted Delivery	$
Postage	$0.50
$	
Total Postage and Fees	$6.70
$	

0196 32
FORT COLLINS CO MAIN POST OFFICE
AUG 1 2018
Postmark Here
08/01/2018

Sent To
FORT COLLINS-LOVELAND
WATER DISTRICT
5150 SNEAD DRIVE
FORT COLLINS, CO 80525

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

---

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

FORT COLLINS-LOVELAND
WATER DISTRICT
5150 SNEAD DRIVE
FORT COLLINS, CO 80525

9590 9402 1272 5246 6365 70

2. Article Number *(Transfer from service label)*
7018 1130 0001 3916 3527

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X
☐ Agent
☐ Addressee

B. Received by *(Printed Name)* C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Insured Mail Restricted Delivery (over $500)
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

7018 1130 0001 3916 3534

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at *www.usps.com®*.
GREELEY, CO 80631

OFFICIAL USE

Certified Mail Fee	$3.45
$	$2.75
Extra Services & Fees *(check box, add fee as appropriate)*	
☐ Return Receipt (hardcopy)	$ $0.00
☐ Return Receipt (electronic)	$ $0.00
☐ Certified Mail Restricted Delivery	$ $0.00
☐ Adult Signature Required	$ $0.00
☐ Adult Signature Restricted Delivery	$
Postage	$0.50
$	
Total Postage and Fees	$6.70
$	

0196 32
FORT COLLINS CO MAIN POST OFFICE
AUG 1 2018
Postmark Here
08/01/2018

Sent To
CITY OF GREELEY
1100 10TH STREET, #300
GREELEY, CO 80631

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

---

Tracking Number: 70181130000139163534

Expected Delivery by

FRIDAY
3 AUGUST 2018 ⓘ
by **8:00pm** ⓘ

Delivered

August 3, 2018 at 11:17 am
Delivered, Front Desk/Reception
GREELEY, CO 80631

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

FORT COLLINS, CO 80525

OFFICIAL USE

Certified Mail Fee $3.45
Extra Services & Fees (check box, add fee as appropriate)
- Return Receipt (hardcopy) $2.75
- Return Receipt (electronic) $0.00
- Certified Mail Restricted Delivery $0.00
- Adult Signature Required $0.00
- Adult Signature Restricted Delivery $

Postage $0.50

Total Postage and Fees $6.70

0196
32

Postmark Here
AUG 1 2018
08/01/2018

Sent To
STEWARD, STEVEN BLAIN
2812 TULANE DR
FORT COLLINS, CO 80525

7018 1130 0001 3916 3503

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

Blue Earth Solutions
PO Box 2427
Fort Collins, CO 80525

CERTIFIED MAIL®

7018 1130 0001 3916 3503

DENVER CO 802

UNITED STATES POSTAL SERVICE®

1000

80525

U.S. POSTAGE PAID
FORT COLLINS, CO
80525
AUG 01, 18
AMOUNT
$6.70
R2304E106233-32

RETURN RECEIPT REQUESTED

8/24

39¢

LN 8/3

80525-21941 UNC
80522>2427

STEWARD, STEVEN BLAIN
2812 TULANE DR

NIXIE 808 CE 1 8608/24/18
RETURN TO SENDER
UNCLAIMED
UNABLE TO FORWARD

BC: 80522242727 *2020-00951-01-46

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
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For delivery information, visit our website at www.usps.com®.

FORT COLLINS, CO 80525

OFFICIAL USE

Certified Mail Fee $3.45
Extra Services & Fees (check box, add fee as appropriate)
- Return Receipt (hardcopy) $0.00
- Return Receipt (electronic) $0.00
- Certified Mail Restricted Delivery $0.00
- Adult Signature Required $0.00
- Adult Signature Restricted Delivery $

Postage $0.50
Total Postage and Fees $6.70

0196
32

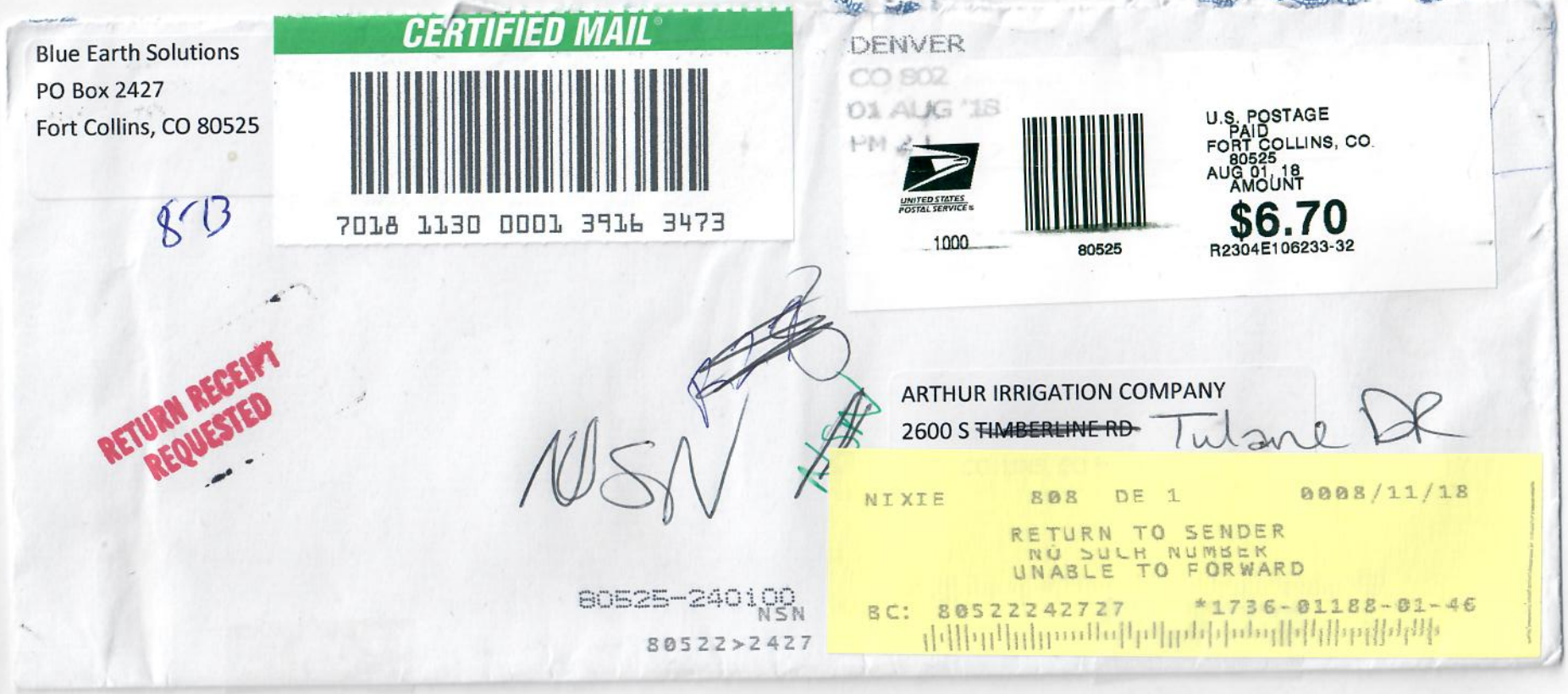
Postmark Here

AUG 1 2018
08/01/2018

Sent To
ARTHUR IRRIGATION COMPANY
2600 S TIMBERLINE RD
FORT COLLINS, CO 80525

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7018 1130 0001 3916 3473



Blue Earth Solutions
PO Box 2427
Fort Collins, CO 80525

CERTIFIED MAIL®

7018 1130 0001 3916 3473

DENVER
CO 802
01 AUG '18
PM

UNITED STATES POSTAL SERVICE®

1000

80525

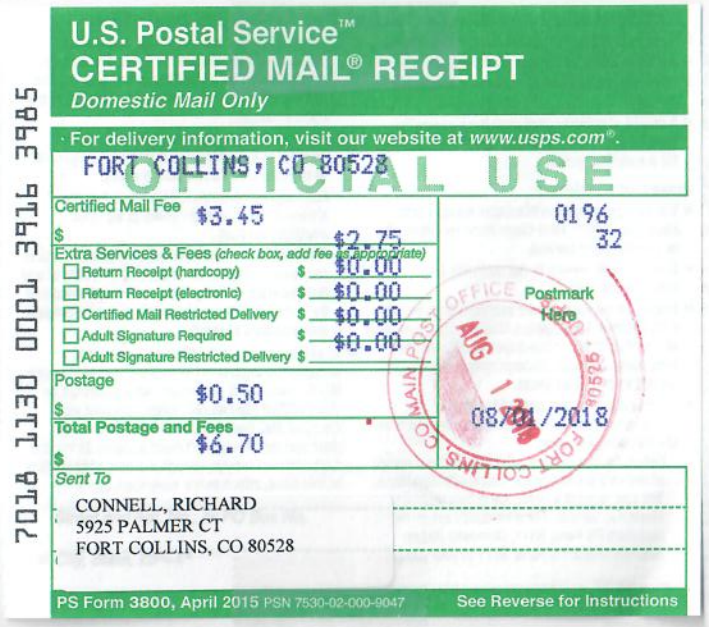
U.S. POSTAGE
PAID
FORT COLLINS, CO.
80525
AUG 01, 18
AMOUNT
$6.70
R2304E106233-32

RETURN RECEIPT REQUESTED

ARTHUR IRRIGATION COMPANY
2600 S ~~TIMBERLINE RD~~ Tulane DR

NIXIE 808 DE 1 0008/11/18
RETURN TO SENDER
NO SUCH NUMBER
UNABLE TO FORWARD
BC: 80522242727 *1736-01188-01-46

80525-240100 NSN
80522>2427



U.S. Postal Service™
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FORT COLLINS, CO 80528

OFFICIAL USE

7018 1130 0001 3916 3985

Certified Mail Fee $3.45
Extra Services & Fees (check box, add fee as appropriate)
- Return Receipt (hardcopy) $0.00
- Return Receipt (electronic) $0.00
- Certified Mail Restricted Delivery $0.00
- Adult Signature Required $0.00
- Adult Signature Restricted Delivery $

Postage $0.50

Total Postage and Fees $6.70

0196
32

Postmark Here

AUG 1 2018
FORT COLLINS, CO 80525

08/01/2018

Sent To
CONNELL, RICHARD
5925 PALMER CT
FORT COLLINS, CO 80528

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

Blue Earth Solutions
PO Box 2427
Fort Collins, CO 80525

YOUR CORRECT ZIP CODE IS 80522

8-18

CERTIFIED MAIL®

7018 1130 0001 3916 3985

UNITED STATES POSTAL SERVICE®

1000

80528

U.S. POSTAGE PAID
FORT COLLINS, CO
80525
AUG 01, 18
AMOUNT
$6.70
R2304E106233-32

NL 8/6/18 CC

REFUSED

CONNELL, RICHARD
5925 PALMER CT

8/13/18

NIXIE 808 CE 1 8608/15/18
RETURN TO SENDER
REFUSED
UNABLE TO FORWARD
BC: 80522242727 *1820-06964-01-46

REF
80522>2427

Letter of Transmittal

DATE: **September 19, 2018**

TO: **Clinton Arnett and Selesta Jane Greiman**
2401 Mapleton Circle
Longmont, Colorado 80503

FROM: **Bill Schenderlein**
Blue Earth Solutions, LLC
P.O. Box 2427
Fort Collins, Colorado 80522
(970) 227-2803

WE TRANSMIT:	THE FOLLOWING:	FOR YOUR:
☒ Attached	☒ Originals	☐ Use
☐ Information Below	☐ Copy of Letter	☐ Approval
	☐ Applications	☐ Information
	☐ Specifications	☒ Review & Comment
	☐ Other	

Remarks:

North Weld County Water District is in the process of obtaining a Colorado Division of Reclamation, Mining and Safety (DRMS) permit for the reclamation of three historic Martin Marietta Materials gravel pits in Larimer County (see Vicinity Map). The reclamation will involve slurry wall construction around the existing mine pit lakes to create below-grade water storage reservoirs.

As part of the DRMS permitting, North Weld County Water District has identified permanent man-made structures owned by you within or adjacent to the project. To protect your interests in the structures, North Weld County Water District is requesting an agreement that provides you with compensation for structure damage. A typical agreement is attached.

Since most mining on the project site has been completed and slurry wall construction is not known to affect the stability of adjacent structures, North Weld County Water District does not anticipate any structure damage. However, to ensure your interests are protected, we request that you please consider approval of a Structure Agreement. Please call me at (970) 227-2803 with any questions or to schedule a meeting for agreement revisions.

Signed: Bill Schenderlein

Structure Agreement

This letter has been provided to you as the owner of a structure on or within two hundred (200) feet of a proposed mine site. The State of Colorado, Division of Reclamation, Mining and Safety ("Division") requires that where a mining operation will adversely affect the stability of any significant, valuable and permanent man-made structure located within two hundred (200) feet of the affected land, the Applicant shall either:

a) Provide a notarized agreement between the Applicant and the Person(s) having an interest in the structure, that the Applicant is to provide compensation for any damage to the structure; or

b) Where such an agreement cannot be reached, the Applicant shall provide an appropriate engineering evaluation that demonstrates that such structure shall not be damaged by activities occurring at the mining operation; or

c) Where such structure is a utility, the Applicant may supply a notarized letter, on utility letterhead, from the owner(s) of the utility that the mining and reclamation activities, as proposed, will have "no negative effect" on their utility. (*Construction Materials Rule 6.3.12 and Rule 6.4.19 & Hard Rock/Metal Mining Rule 6.3.12 and Rule 6.4.20)*

The Colorado Mined Land Reclamation Board ("Board") has determined that this form, if properly executed, represents an agreement that complies with Construction Materials Rule 6.3.12(a), Rule 6.4.19(a), and C.R.S. § 34-32.5-115(4)(e) and with Hard Rock/Metal Mining Rule 6.3.12(a), Rule 6.4.20(a), and C.R.S. § 34-32-115(4)(d). This form is for the sole purpose of ensuring compliance with the Rules and Regulations and shall not make the Board or Division a necessary party to any private civil lawsuit to enforce the terms of the agreement or create any enforcement obligations in the Board or the Division.

The following structures are located on or within 200 feet of the proposed affected area:

1. Fencing and other agricultural infrastructure
2. _____
3. _____
4. _____
5. _____

(*Please list additional structures on a separate page*)

CERTIFICATION

The Applicant, North Weld County Water District (print applicant/company name), by Eric Reckentine (print representative's name), as District Manager (print representative's title), does hereby certify that Clinton Arnett and Selesta Jane Greiman (structure owner) shall be compensated for any damage from the proposed mining operation to the above listed structure(s) located on or within 200 feet of the proposed affected area described within Exhibit A, of the Reclamation Permit Application for Lamb Lakes (operation name), File Number M-2018-039.

This form has been approved by the Colorado Mined Land Reclamation Board pursuant to its authority under the Colorado Land Reclamation Act for the Extraction of Construction Materials and the Colorado Mined Land Reclamation Act for Hard Rock, Metal, and Designated Mining Operations. Any alteration or modification to this form shall result in voiding this form.

NOTARY FOR PERMIT APPLICANT

ACKNOWLEGED BY:

Applicant _____ Representative Name _____

Date _____ Title _____

STATE OF _____)
) ss.
COUNTY OF_____)

The foregoing was acknowledged before me this____ day of _____, 20___, by _____ as _____ of _____.

_____ My Commission Expires:_____
Notary Public

NOTARY FOR STRUCTURE OWNER

ACKNOWLEGED BY:

Structure Owner _____ Name _____

Date _____ Title _____

STATE OF _____)
) ss.
COUNTY OF_____)

The foregoing was acknowledged before me this____ day of _____, 20___, by _____ as _____ of _____.

_____ My Commission Expires:_____
Notary Public

Letter of Transmittal

DATE: **September 19, 2018**

TO: **Arthur Irrigation Company**
c/o John Moen
1823 Moen Ranch Road
Virginia Dale, Colorado 80536

FROM: **Bill Schenderlein**
Blue Earth Solutions, LLC
P.O. Box 2427
Fort Collins, Colorado 80522
(970) 227-2803

WE TRANSMIT:	THE FOLLOWING:	FOR YOUR:
■ Attached	■ Originals	☐ Use
☐ Information Below	☐ Copy of Letter	☐ Approval
	☐ Applications	☐ Information
	☐ Specifications	■ Review & Comment
	☐ Other	

Remarks:

North Weld County Water District is in the process of obtaining a Colorado Division of Reclamation, Mining and Safety (DRMS) permit for the reclamation of three historic Martin Marietta Materials gravel pits in Larimer County (see Vicinity Map). The reclamation will involve slurry wall construction around the existing mine pit lakes to create below-grade water storage reservoirs.

As part of the DRMS permitting, North Weld County Water District has identified permanent man-made structures owned by Arthur Irrigation Company within or adjacent to the project. To protect your interests in the structures, North Weld County Water District is requesting an agreement that provides you with compensation for structure damage. A typical agreement is attached.

Since most mining on the project site has been completed and slurry wall construction is not known to affect the stability of adjacent structures, North Weld County Water District does not anticipate any structure damage. However, to ensure your interests are protected, we request that you please consider approval of a Structure Agreement. Please call me at (970) 227-2803 with any questions or to schedule a meeting for agreement revisions.

Signed: Will Schenderlein

Structure Agreement

This letter has been provided to you as the owner of a structure on or within two hundred (200) feet of a proposed mine site. The State of Colorado, Division of Reclamation, Mining and Safety ("Division") requires that where a mining operation will adversely affect the stability of any significant, valuable and permanent man-made structure located within two hundred (200) feet of the affected land, the Applicant shall either:

a) Provide a notarized agreement between the Applicant and the Person(s) having an interest in the structure, that the Applicant is to provide compensation for any damage to the structure; or

b) Where such an agreement cannot be reached, the Applicant shall provide an appropriate engineering evaluation that demonstrates that such structure shall not be damaged by activities occurring at the mining operation; or

c) Where such structure is a utility, the Applicant may supply a notarized letter, on utility letterhead, from the owner(s) of the utility that the mining and reclamation activities, as proposed, will have "no negative effect" on their utility. (*Construction Materials Rule 6.3.12 and Rule 6.4.19 & Hard Rock/Metal Mining Rule 6.3.12 and Rule 6.4.20)*

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The following structures are located on or within 200 feet of the proposed affected area:

1. Irrigation ditch and associated infrastructure
2. _____
3. _____
4. _____
5. _____

(*Please list additional structures on a separate page*)

CERTIFICATION

The Applicant, North Weld County Water District (print applicant/company name), by Eric Reckentine (print representative's name), as District Manager (print representative's title), does hereby certify that Arthur Ditch Company (structure owner) shall be compensated for any damage from the proposed mining operation to the above listed structure(s) located on or within 200 feet of the proposed affected area described within Exhibit A, of the Reclamation Permit Application for Lamb Lakes (operation name), File Number M-2018-039.

This form has been approved by the Colorado Mined Land Reclamation Board pursuant to its authority under the Colorado Land Reclamation Act for the Extraction of Construction Materials and the Colorado Mined Land Reclamation Act for Hard Rock, Metal, and Designated Mining Operations. Any alteration or modification to this form shall result in voiding this form.

NOTARY FOR PERMIT APPLICANT

ACKNOWLEGED BY:

Applicant _____ Representative Name _____

Date _____ Title _____

STATE OF _____)
) ss.
COUNTY OF_____)

The foregoing was acknowledged before me this____ day of _____, 20___, by _____ as _____ of _____.

_____ My Commission Expires:_____
Notary Public

NOTARY FOR STRUCTURE OWNER

ACKNOWLEGED BY:

Structure Owner _____ Name _____

Date _____ Title _____

STATE OF _____)
) ss.
COUNTY OF_____)

The foregoing was acknowledged before me this____ day of _____, 20___, by _____ as _____ of _____.

_____ My Commission Expires:_____
Notary Public

Letter of Transmittal

DATE: **September 19, 2018**

TO: **City of Fort Collins**
300 Laporte Avenue
Fort Collins, Colorado 80521

FROM: **Bill Schenderlein**
Blue Earth Solutions, LLC
P.O. Box 2427
Fort Collins, Colorado 80522
(970) 227-2803

WE TRANSMIT:	THE FOLLOWING:	FOR YOUR:
☒ Attached	☒ Originals	☐ Use
☐ Information Below	☐ Copy of Letter	☐ Approval
	☐ Applications	☐ Information
	☐ Specifications	☒ Review & Comment
	☐ Other	

Remarks:

North Weld County Water District is in the process of obtaining a Colorado Division of Reclamation, Mining and Safety (DRMS) permit for the reclamation of three historic Martin Marietta Materials gravel pits in Larimer County (see Vicinity Map). The reclamation will involve slurry wall construction around the existing mine pit lakes to create below-grade water storage reservoirs.

As part of the DRMS permitting, North Weld County Water District has identified permanent man-made structures owned by the City of Fort Collins within or adjacent to the project. To protect your interests in the structures, North Weld County Water District is requesting an agreement that provides you with compensation for structure damage. A typical agreement is attached.

Since most mining on the project site has been completed and slurry wall construction is not known to affect the stability of adjacent structures, North Weld County Water District does not anticipate any structure damage. However, to ensure your interests are protected, we request that you please consider approval of a Structure Agreement. Please call me at (970) 227-2803 with any questions or to schedule a meeting for agreement revisions.

Signed: 

Structure Agreement

This letter has been provided to you as the owner of a structure on or within two hundred (200) feet of a proposed mine site. The State of Colorado, Division of Reclamation, Mining and Safety ("Division") requires that where a mining operation will adversely affect the stability of any significant, valuable and permanent man-made structure located within two hundred (200) feet of the affected land, the Applicant shall either:

a) Provide a notarized agreement between the Applicant and the Person(s) having an interest in the structure, that the Applicant is to provide compensation for any damage to the structure; or

b) Where such an agreement cannot be reached, the Applicant shall provide an appropriate engineering evaluation that demonstrates that such structure shall not be damaged by activities occurring at the mining operation; or

c) Where such structure is a utility, the Applicant may supply a notarized letter, on utility letterhead, from the owner(s) of the utility that the mining and reclamation activities, as proposed, will have "no negative effect" on their utility. (*Construction Materials Rule 6.3.12 and Rule 6.4.19 & Hard Rock/Metal Mining Rule 6.3.12 and Rule 6.4.20)*

The Colorado Mined Land Reclamation Board ("Board") has determined that this form, if properly executed, represents an agreement that complies with Construction Materials Rule 6.3.12(a), Rule 6.4.19(a), and C.R.S. § 34-32.5-115(4)(e) and with Hard Rock/Metal Mining Rule 6.3.12(a), Rule 6.4.20(a), and C.R.S. § 34-32-115(4)(d). This form is for the sole purpose of ensuring compliance with the Rules and Regulations and shall not make the Board or Division a necessary party to any private civil lawsuit to enforce the terms of the agreement or create any enforcement obligations in the Board or the Division.

The following structures are located on or within 200 feet of the proposed affected area:

1. Property fencing, gates, and bridges associated with old railroad grade
2. _____
3. _____
4. _____
5. _____

(*Please list additional structures on a separate page*)

CERTIFICATION

The Applicant, North Weld County Water District (print applicant/company name), by Eric Reckentine (print representative's name), as District Manager (print representative's title), does hereby certify that City of Fort Collins (structure owner) shall be compensated for any damage from the proposed mining operation to the above listed structure(s) located on or within 200 feet of the proposed affected area described within Exhibit A, of the Reclamation Permit Application for Lamb Lakes (operation name), File Number M-2018-039.

This form has been approved by the Colorado Mined Land Reclamation Board pursuant to its authority under the Colorado Land Reclamation Act for the Extraction of Construction Materials and the Colorado Mined Land Reclamation Act for Hard Rock, Metal, and Designated Mining Operations. Any alteration or modification to this form shall result in voiding this form.

NOTARY FOR PERMIT APPLICANT

ACKNOWLEGED BY:

Applicant _____ Representative Name _____

Date _____ Title _____

STATE OF _____)
) ss.
COUNTY OF_____)

The foregoing was acknowledged before me this____ day of _____, 20___, by _____ as _____ of _____.

_____ My Commission Expires:_____
Notary Public

NOTARY FOR STRUCTURE OWNER

ACKNOWLEGED BY:

Structure Owner _____ Name _____

Date _____ Title _____

STATE OF _____)
) ss.
COUNTY OF_____)

The foregoing was acknowledged before me this____ day of _____, 20___, by _____ as _____ of _____.

_____ My Commission Expires:_____
Notary Public

Letter of Transmittal

DATE: **September 19, 2018**

TO: **City of Fort Collins Utilities**
PO Box 580
Fort Collins, Colorado 80522

FROM: **Bill Schenderlein**
Blue Earth Solutions, LLC
P.O. Box 2427
Fort Collins, Colorado 80522
(970) 227-2803

WE TRANSMIT:	THE FOLLOWING:	FOR YOUR:
■ Attached	■ Originals	☐ Use
☐ Information Below	☐ Copy of Letter	☐ Approval
	☐ Applications	☐ Information
	☐ Specifications	■ Review & Comment
	☐ Other	

Remarks:

North Weld County Water District is in the process of obtaining a Colorado Division of Reclamation, Mining and Safety (DRMS) permit for the reclamation of three historic Martin Marietta Materials gravel pits in Larimer County (see Vicinity Map). The reclamation will involve slurry wall construction around the existing mine pit lakes to create below-grade water storage reservoirs.

As part of the DRMS permitting, North Weld County Water District has identified permanent man-made structures owned by the City of Fort Collins within or adjacent to the project. To protect your interests in the structures, North Weld County Water District is requesting an agreement that provides you with compensation for structure damage. A typical agreement is attached.

Since most mining on the project site has been completed and slurry wall construction is not known to affect the stability of adjacent structures, North Weld County Water District does not anticipate any structure damage. However, to ensure your interests are protected, we request that you please consider approval of a Structure Agreement. Please call me at (970) 227-2803 with any questions or to schedule a meeting for agreement revisions.

Signed: 

Structure Agreement

This letter has been provided to you as the owner of a structure on or within two hundred (200) feet of a proposed mine site. The State of Colorado, Division of Reclamation, Mining and Safety ("Division") requires that where a mining operation will adversely affect the stability of any significant, valuable and permanent man-made structure located within two hundred (200) feet of the affected land, the Applicant shall either:

a) Provide a notarized agreement between the Applicant and the Person(s) having an interest in the structure, that the Applicant is to provide compensation for any damage to the structure; or

b) Where such an agreement cannot be reached, the Applicant shall provide an appropriate engineering evaluation that demonstrates that such structure shall not be damaged by activities occurring at the mining operation; or

c) Where such structure is a utility, the Applicant may supply a notarized letter, on utility letterhead, from the owner(s) of the utility that the mining and reclamation activities, as proposed, will have "no negative effect" on their utility. (*Construction Materials Rule 6.3.12 and Rule 6.4.19 & Hard Rock/Metal Mining Rule 6.3.12 and Rule 6.4.20)*

The Colorado Mined Land Reclamation Board ("Board") has determined that this form, if properly executed, represents an agreement that complies with Construction Materials Rule 6.3.12(a), Rule 6.4.19(a), and C.R.S. § 34-32.5-115(4)(e) and with Hard Rock/Metal Mining Rule 6.3.12(a), Rule 6.4.20(a), and C.R.S. § 34-32-115(4)(d). This form is for the sole purpose of ensuring compliance with the Rules and Regulations and shall not make the Board or Division a necessary party to any private civil lawsuit to enforce the terms of the agreement or create any enforcement obligations in the Board or the Division.

The following structures are located on or within 200 feet of the proposed affected area:

1. Poudre Trail and associated fencing and gates
2. Property line fence
3. Utility easement and associated structures
4. Buried sewer line
5. _____

(*Please list additional structures on a separate page*)

CERTIFICATION

The Applicant, North Weld County Water District (print applicant/company name), by Eric Reckentine (print representative's name), as District Manager (print representative's title), does hereby certify that City of Fort Collins (structure owner) shall be compensated for any damage from the proposed mining operation to the above listed structure(s) located on or within 200 feet of the proposed affected area described within Exhibit A, of the Reclamation Permit Application for Lamb Lakes (operation name), File Number M-2018-039.

This form has been approved by the Colorado Mined Land Reclamation Board pursuant to its authority under the Colorado Land Reclamation Act for the Extraction of Construction Materials and the Colorado Mined Land Reclamation Act for Hard Rock, Metal, and Designated Mining Operations. Any alteration or modification to this form shall result in voiding this form.

NOTARY FOR PERMIT APPLICANT

ACKNOWLEGED BY:

Applicant _____ Representative Name _____

Date _____ Title _____

STATE OF _____)
) ss.
COUNTY OF_____)

The foregoing was acknowledged before me this____ day of _____, 20___, by _____ as _____ of _____.

_____ My Commission Expires:_____
Notary Public

NOTARY FOR STRUCTURE OWNER

ACKNOWLEGED BY:

Structure Owner _____ Name _____

Date _____ Title _____

STATE OF _____)
) ss.
COUNTY OF_____)

The foregoing was acknowledged before me this____ day of _____, 20___, by _____ as _____ of _____.

_____ My Commission Expires:_____
Notary Public

Letter of Transmittal

DATE: **September 19, 2018**

TO: **Richard Connell**
c/o Connell Resources, Inc. / Attn: Kevin Anderson
7785 Highland Meadows Parkway
Fort Collins, Colorado 80528

FROM: **Bill Schenderlein**
Blue Earth Solutions, LLC
P.O. Box 2427
Fort Collins, Colorado 80522
(970) 227-2803

WE TRANSMIT:	THE FOLLOWING:	FOR YOUR:
■ Attached	■ Originals	☐ Use
☐ Information Below	☐ Copy of Letter	☐ Approval
	☐ Applications	☐ Information
	☐ Specifications	■ Review & Comment
	☐ Other	

Remarks:

North Weld County Water District is in the process of obtaining a Colorado Division of Reclamation, Mining and Safety (DRMS) permit for the reclamation of three historic Martin Marietta Materials gravel pits in Larimer County (see Vicinity Map). The reclamation will involve slurry wall construction around the existing mine pit lakes to create below-grade water storage reservoirs.

As part of the DRMS permitting, North Weld County Water District has identified permanent man-made structures owned by you within or adjacent to the project. To protect your interests in the structures, North Weld County Water District is requesting an agreement that provides you with compensation for structure damage. A typical agreement is attached.

Since most mining on the project site has been completed and slurry wall construction is not known to affect the stability of adjacent structures, North Weld County Water District does not anticipate any structure damage. However, to ensure your interests are protected, we request that you please consider approval of a Structure Agreement. Please call me at (970) 227-2803 with any questions or to schedule a meeting for agreement revisions.

Signed: Will Schenderlein

Structure Agreement

This letter has been provided to you as the owner of a structure on or within two hundred (200) feet of a proposed mine site. The State of Colorado, Division of Reclamation, Mining and Safety ("Division") requires that where a mining operation will adversely affect the stability of any significant, valuable and permanent man-made structure located within two hundred (200) feet of the affected land, the Applicant shall either:

a) Provide a notarized agreement between the Applicant and the Person(s) having an interest in the structure, that the Applicant is to provide compensation for any damage to the structure; or

b) Where such an agreement cannot be reached, the Applicant shall provide an appropriate engineering evaluation that demonstrates that such structure shall not be damaged by activities occurring at the mining operation; or

c) Where such structure is a utility, the Applicant may supply a notarized letter, on utility letterhead, from the owner(s) of the utility that the mining and reclamation activities, as proposed, will have "no negative effect" on their utility. (*Construction Materials Rule 6.3.12 and Rule 6.4.19 & Hard Rock/Metal Mining Rule 6.3.12 and Rule 6.4.20)*

The Colorado Mined Land Reclamation Board ("Board") has determined that this form, if properly executed, represents an agreement that complies with Construction Materials Rule 6.3.12(a), Rule 6.4.19(a), and C.R.S. § 34-32.5-115(4)(e) and with Hard Rock/Metal Mining Rule 6.3.12(a), Rule 6.4.20(a), and C.R.S. § 34-32-115(4)(d). This form is for the sole purpose of ensuring compliance with the Rules and Regulations and shall not make the Board or Division a necessary party to any private civil lawsuit to enforce the terms of the agreement or create any enforcement obligations in the Board or the Division.

The following structures are located on or within 200 feet of the proposed affected area:

1. Fencing and other mine reclamation infrastructure
2. _____
3. _____
4. _____
5. _____

(*Please list additional structures on a separate page*)

CERTIFICATION

The Applicant, North Weld County Water District (print applicant/company name), by Eric Reckentine (print representative's name), as District Manager (print representative's title), does hereby certify that Richard Connell (structure owner) shall be compensated for any damage from the proposed mining operation to the above listed structure(s) located on or within 200 feet of the proposed affected area described within Exhibit A, of the Reclamation Permit Application for Lamb Lakes (operation name), File Number M-2018-039.

This form has been approved by the Colorado Mined Land Reclamation Board pursuant to its authority under the Colorado Land Reclamation Act for the Extraction of Construction Materials and the Colorado Mined Land Reclamation Act for Hard Rock, Metal, and Designated Mining Operations. Any alteration or modification to this form shall result in voiding this form.

NOTARY FOR PERMIT APPLICANT

ACKNOWLEGED BY:

Applicant _____ Representative Name _____

Date _____ Title _____

STATE OF _____)
) ss.
COUNTY OF_____)

The foregoing was acknowledged before me this____ day of _____, 20___, by _____ as _____ of _____.

_____ My Commission Expires:_____
Notary Public

NOTARY FOR STRUCTURE OWNER

ACKNOWLEGED BY:

Structure Owner _____ Name _____

Date _____ Title _____

STATE OF _____)
) ss.
COUNTY OF_____)

The foregoing was acknowledged before me this____ day of _____, 20___, by _____ as _____ of _____.

_____ My Commission Expires:_____
Notary Public

Letter of Transmittal

DATE: **September 19, 2018**

TO: **East Larimer County Water District**
Attn: Mike Scheid
232 S. Link Lane
Fort Collins, Colorado 80524

FROM: **Bill Schenderlein**
Blue Earth Solutions, LLC
P.O. Box 2427
Fort Collins, Colorado 80522
(970) 227-2803

WE TRANSMIT:	THE FOLLOWING:	FOR YOUR:
■ Attached	■ Originals	☐ Use
☐ Information Below	☐ Copy of Letter	☐ Approval
	☐ Applications	☐ Information
	☐ Specifications	■ Review & Comment
	☐ Other	

Remarks:

North Weld County Water District is in the process of obtaining a Colorado Division of Reclamation, Mining and Safety (DRMS) permit for the reclamation of three historic Martin Marietta Materials gravel pits in Larimer County (see Vicinity Map). The reclamation will involve slurry wall construction around the existing mine pit lakes to create below-grade water storage reservoirs.

As part of the DRMS permitting, North Weld County Water District has identified permanent man-made structures owned by East Larimer County Water District within or adjacent to the project. To protect your interests in the structures, North Weld County Water District is requesting an agreement that provides you with compensation for structure damage. A typical agreement is attached.

Since most mining on the project site has been completed and slurry wall construction is not known to affect the stability of adjacent structures, North Weld County Water District does not anticipate any structure damage. However, to ensure your interests are protected, we request that you please consider approval of a Structure Agreement. Please call me at (970) 227-2803 with any questions or to schedule a meeting for agreement revisions.

Signed: Bill Schenderlein

Structure Agreement

This letter has been provided to you as the owner of a structure on or within two hundred (200) feet of a proposed mine site. The State of Colorado, Division of Reclamation, Mining and Safety ("Division") requires that where a mining operation will adversely affect the stability of any significant, valuable and permanent man-made structure located within two hundred (200) feet of the affected land, the Applicant shall either:

a) Provide a notarized agreement between the Applicant and the Person(s) having an interest in the structure, that the Applicant is to provide compensation for any damage to the structure; or

b) Where such an agreement cannot be reached, the Applicant shall provide an appropriate engineering evaluation that demonstrates that such structure shall not be damaged by activities occurring at the mining operation; or

c) Where such structure is a utility, the Applicant may supply a notarized letter, on utility letterhead, from the owner(s) of the utility that the mining and reclamation activities, as proposed, will have "no negative effect" on their utility. (*Construction Materials Rule 6.3.12 and Rule 6.4.19 & Hard Rock/Metal Mining Rule 6.3.12 and Rule 6.4.20)*

The Colorado Mined Land Reclamation Board ("Board") has determined that this form, if properly executed, represents an agreement that complies with Construction Materials Rule 6.3.12(a), Rule 6.4.19(a), and C.R.S. § 34-32.5-115(4)(e) and with Hard Rock/Metal Mining Rule 6.3.12(a), Rule 6.4.20(a), and C.R.S. § 34-32-115(4)(d). This form is for the sole purpose of ensuring compliance with the Rules and Regulations and shall not make the Board or Division a necessary party to any private civil lawsuit to enforce the terms of the agreement or create any enforcement obligations in the Board or the Division.

The following structures are located on or within 200 feet of the proposed affected area:

1. Fencing and other mine reclamation and water infrastructure
2. Buried water lines and associated infrastructure
3. _____
4. _____
5. _____

(*Please list additional structures on a separate page*)

CERTIFICATION

The Applicant, North Weld County Water District (print applicant/company name), by Eric Reckentine (print representative's name), as District Manager (print representative's title), does hereby certify that East Larimer County Water District (structure owner) shall be compensated for any damage from the proposed mining operation to the above listed structure(s) located on or within 200 feet of the proposed affected area described within Exhibit A, of the Reclamation Permit Application for Lamb Lakes (operation name), File Number M-2018-039.

This form has been approved by the Colorado Mined Land Reclamation Board pursuant to its authority under the Colorado Land Reclamation Act for the Extraction of Construction Materials and the Colorado Mined Land Reclamation Act for Hard Rock, Metal, and Designated Mining Operations. Any alteration or modification to this form shall result in voiding this form.

NOTARY FOR PERMIT APPLICANT

ACKNOWLEGED BY:

Applicant _____ Representative Name _____

Date _____ Title _____

STATE OF _____)
) ss.
COUNTY OF_____)

The foregoing was acknowledged before me this____ day of _____, 20___, by _____ as _____ of _____.

_____ My Commission Expires:_____
Notary Public

NOTARY FOR STRUCTURE OWNER

ACKNOWLEGED BY:

Structure Owner _____ Name _____

Date _____ Title _____

STATE OF _____)
) ss.
COUNTY OF_____)

The foregoing was acknowledged before me this____ day of _____, 20___, by _____ as _____ of _____.

_____ My Commission Expires:_____
Notary Public

Letter of Transmittal

DATE: **September 19, 2018**

TO: **Fort Collins-Loveland Water District**
Attn: Chris Matkins
232 S. Link Lane
Fort Collins, Colorado 80524

FROM: **Bill Schenderlein**
Blue Earth Solutions, LLC
P.O. Box 2427
Fort Collins, Colorado 80522
(970) 227-2803

WE TRANSMIT:	THE FOLLOWING:	FOR YOUR:
■ Attached	■ Originals	☐ Use
☐ Information Below	☐ Copy of Letter	☐ Approval
	☐ Applications	☐ Information
	☐ Specifications	■ Review & Comment
	☐ Other	

Remarks:

North Weld County Water District is in the process of obtaining a Colorado Division of Reclamation, Mining and Safety (DRMS) permit for the reclamation of three historic Martin Marietta Materials gravel pits in Larimer County (see Vicinity Map). The reclamation will involve slurry wall construction around the existing mine pit lakes to create below-grade water storage reservoirs.

As part of the DRMS permitting, North Weld County Water District has identified permanent man-made structures owned by Fort Collins-Loveland Water District within or adjacent to the project. To protect your interests in the structures, North Weld County Water District is requesting an agreement that provides you with compensation for structure damage. A typical agreement is attached.

Since most mining on the project site has been completed and slurry wall construction is not known to affect the stability of adjacent structures, North Weld County Water District does not anticipate any structure damage. However, to ensure your interests are protected, we request that you please consider approval of a Structure Agreement. Please call me at (970) 227-2803 with any questions or to schedule a meeting for agreement revisions.

Signed: 

Structure Agreement

This letter has been provided to you as the owner of a structure on or within two hundred (200) feet of a proposed mine site. The State of Colorado, Division of Reclamation, Mining and Safety ("Division") requires that where a mining operation will adversely affect the stability of any significant, valuable and permanent man-made structure located within two hundred (200) feet of the affected land, the Applicant shall either:

a) Provide a notarized agreement between the Applicant and the Person(s) having an interest in the structure, that the Applicant is to provide compensation for any damage to the structure; or

b) Where such an agreement cannot be reached, the Applicant shall provide an appropriate engineering evaluation that demonstrates that such structure shall not be damaged by activities occurring at the mining operation; or

c) Where such structure is a utility, the Applicant may supply a notarized letter, on utility letterhead, from the owner(s) of the utility that the mining and reclamation activities, as proposed, will have "no negative effect" on their utility. (*Construction Materials Rule 6.3.12 and Rule 6.4.19 & Hard Rock/Metal Mining Rule 6.3.12 and Rule 6.4.20)*

The Colorado Mined Land Reclamation Board ("Board") has determined that this form, if properly executed, represents an agreement that complies with Construction Materials Rule 6.3.12(a), Rule 6.4.19(a), and C.R.S. § 34-32.5-115(4)(e) and with Hard Rock/Metal Mining Rule 6.3.12(a), Rule 6.4.20(a), and C.R.S. § 34-32-115(4)(d). This form is for the sole purpose of ensuring compliance with the Rules and Regulations and shall not make the Board or Division a necessary party to any private civil lawsuit to enforce the terms of the agreement or create any enforcement obligations in the Board or the Division.

The following structures are located on or within 200 feet of the proposed affected area:

1. Fencing and other mine reclamation and water infrastructure
2. _____
3. _____
4. _____
5. _____

(*Please list additional structures on a separate page*)

CERTIFICATION

The Applicant, North Weld County Water District (print applicant/company name), by Eric Reckentine (print representative's name), as District Manager (print representative's title), does hereby certify that Fort Collins-Loveland Water District (structure owner) shall be compensated for any damage from the proposed mining operation to the above listed structure(s) located on or within 200 feet of the proposed affected area described within Exhibit A, of the Reclamation Permit Application for Lamb Lakes (operation name), File Number M-2018-039.

This form has been approved by the Colorado Mined Land Reclamation Board pursuant to its authority under the Colorado Land Reclamation Act for the Extraction of Construction Materials and the Colorado Mined Land Reclamation Act for Hard Rock, Metal, and Designated Mining Operations. Any alteration or modification to this form shall result in voiding this form.

NOTARY FOR PERMIT APPLICANT

ACKNOWLEGED BY:

Applicant _____ Representative Name _____

Date _____ Title _____

STATE OF _____)
) ss.
COUNTY OF_____)

The foregoing was acknowledged before me this____ day of _____, 20___, by _____ as _____ of _____.

_____ My Commission Expires:_____
Notary Public

NOTARY FOR STRUCTURE OWNER

ACKNOWLEGED BY:

Structure Owner _____ Name _____

Date _____ Title _____

STATE OF _____)
) ss.
COUNTY OF_____)

The foregoing was acknowledged before me this____ day of _____, 20___, by _____ as _____ of _____.

_____ My Commission Expires:_____
Notary Public

Letter of Transmittal

DATE: **September 19, 2018**

TO: **City of Greeley**
Attn: Jennifer Petrzelka
1100 10th Street, #300
Greeley, Colorado 80631

FROM: **Bill Schenderlein**
Blue Earth Solutions, LLC
P.O. Box 2427
Fort Collins, Colorado 80522
(970) 227-2803

WE TRANSMIT:	THE FOLLOWING:	FOR YOUR:
■ Attached	■ Originals	☐ Use
☐ Information Below	☐ Copy of Letter	☐ Approval
	☐ Applications	☐ Information
	☐ Specifications	■ Review & Comment
	☐ Other	

Remarks:

North Weld County Water District is in the process of obtaining a Colorado Division of Reclamation, Mining and Safety (DRMS) permit for the reclamation of three historic Martin Marietta Materials gravel pits in Larimer County (see Vicinity Map). The reclamation will involve slurry wall construction around the existing mine pit lakes to create below-grade water storage reservoirs.

As part of the DRMS permitting, North Weld County Water District has identified permanent man-made structures owned by the City of Greeley within or adjacent to the project. To protect your interests in the structures, North Weld County Water District is requesting an agreement that provides you with compensation for structure damage. A typical agreement is attached.

Since most mining on the project site has been completed and slurry wall construction is not known to affect the stability of adjacent structures, North Weld County Water District does not anticipate any structure damage. However, to ensure your interests are protected, we request that you please consider approval of a Structure Agreement. Please call me at (970) 227-2803 with any questions or to schedule a meeting for agreement revisions.

Signed: 

Structure Agreement

This letter has been provided to you as the owner of a structure on or within two hundred (200) feet of a proposed mine site. The State of Colorado, Division of Reclamation, Mining and Safety ("Division") requires that where a mining operation will adversely affect the stability of any significant, valuable and permanent man-made structure located within two hundred (200) feet of the affected land, the Applicant shall either:

a) Provide a notarized agreement between the Applicant and the Person(s) having an interest in the structure, that the Applicant is to provide compensation for any damage to the structure; or

b) Where such an agreement cannot be reached, the Applicant shall provide an appropriate engineering evaluation that demonstrates that such structure shall not be damaged by activities occurring at the mining operation; or

c) Where such structure is a utility, the Applicant may supply a notarized letter, on utility letterhead, from the owner(s) of the utility that the mining and reclamation activities, as proposed, will have "no negative effect" on their utility. (*Construction Materials Rule 6.3.12 and Rule 6.4.19 & Hard Rock/Metal Mining Rule 6.3.12 and Rule 6.4.20)*

The Colorado Mined Land Reclamation Board ("Board") has determined that this form, if properly executed, represents an agreement that complies with Construction Materials Rule 6.3.12(a), Rule 6.4.19(a), and C.R.S. § 34-32.5-115(4)(e) and with Hard Rock/Metal Mining Rule 6.3.12(a), Rule 6.4.20(a), and C.R.S. § 34-32-115(4)(d). This form is for the sole purpose of ensuring compliance with the Rules and Regulations and shall not make the Board or Division a necessary party to any private civil lawsuit to enforce the terms of the agreement or create any enforcement obligations in the Board or the Division.

The following structures are located on or within 200 feet of the proposed affected area:

1. Fencing and other mine reclamation and water infrastructure
2. _____
3. _____
4. _____
5. _____

(*Please list additional structures on a separate page*)

CERTIFICATION

The Applicant, North Weld County Water District (print applicant/company name), by Eric Reckentine (print representative's name), as District Manager (print representative's title), does hereby certify that City of Greeley (structure owner) shall be compensated for any damage from the proposed mining operation to the above listed structure(s) located on or within 200 feet of the proposed affected area described within Exhibit A, of the Reclamation Permit Application for Lamb Lakes (operation name), File Number M-2018-039.

This form has been approved by the Colorado Mined Land Reclamation Board pursuant to its authority under the Colorado Land Reclamation Act for the Extraction of Construction Materials and the Colorado Mined Land Reclamation Act for Hard Rock, Metal, and Designated Mining Operations. Any alteration or modification to this form shall result in voiding this form.

NOTARY FOR PERMIT APPLICANT

ACKNOWLEGED BY:

Applicant _____ Representative Name _____

Date _____ Title _____

STATE OF _____)
) ss.
COUNTY OF_____)

The foregoing was acknowledged before me this____ day of _____, 20___, by _____ as _____ of _____.

_____ My Commission Expires:_____
Notary Public

NOTARY FOR STRUCTURE OWNER

ACKNOWLEGED BY:

Structure Owner _____ Name _____

Date _____ Title _____

STATE OF _____)
) ss.
COUNTY OF_____)

The foregoing was acknowledged before me this____ day of _____, 20___, by _____ as _____ of _____.

_____ My Commission Expires:_____
Notary Public

Letter of Transmittal

DATE: **September 19, 2018**

TO: **Randy and Janetta Gustafson**
1154 N Taft Hill Road
Fort Collins, Colorado 80521

FROM: **Bill Schenderlein**
Blue Earth Solutions, LLC
P.O. Box 2427
Fort Collins, Colorado 80522
(970) 227-2803

WE TRANSMIT:	THE FOLLOWING:	FOR YOUR:
■ Attached	■ Originals	☐ Use
☐ Information Below	☐ Copy of Letter	☐ Approval
	☐ Applications	☐ Information
	☐ Specifications	■ Review & Comment
	☐ Other	

Remarks:

North Weld County Water District is in the process of obtaining a Colorado Division of Reclamation, Mining and Safety (DRMS) permit for the reclamation of three historic Martin Marietta Materials gravel pits in Larimer County (see Vicinity Map). The reclamation will involve slurry wall construction around the existing mine pit lakes to create below-grade water storage reservoirs.

As part of the DRMS permitting, North Weld County Water District has identified permanent man-made structures owned by you within or adjacent to the project. To protect your interests in the structures, North Weld County Water District is requesting an agreement that provides you with compensation for structure damage. A typical agreement is attached.

Since most mining on the project site has been completed and slurry wall construction is not known to affect the stability of adjacent structures, North Weld County Water District does not anticipate any structure damage. However, to ensure your interests are protected, we request that you please consider approval of a Structure Agreement. Please call me at (970) 227-2803 with any questions or to schedule a meeting for agreement revisions.

Signed: Bill Schenderlein

Structure Agreement

This letter has been provided to you as the owner of a structure on or within two hundred (200) feet of a proposed mine site. The State of Colorado, Division of Reclamation, Mining and Safety ("Division") requires that where a mining operation will adversely affect the stability of any significant, valuable and permanent man-made structure located within two hundred (200) feet of the affected land, the Applicant shall either:

a) Provide a notarized agreement between the Applicant and the Person(s) having an interest in the structure, that the Applicant is to provide compensation for any damage to the structure; or

b) Where such an agreement cannot be reached, the Applicant shall provide an appropriate engineering evaluation that demonstrates that such structure shall not be damaged by activities occurring at the mining operation; or

c) Where such structure is a utility, the Applicant may supply a notarized letter, on utility letterhead, from the owner(s) of the utility that the mining and reclamation activities, as proposed, will have "no negative effect" on their utility. (*Construction Materials Rule 6.3.12 and Rule 6.4.19 & Hard Rock/Metal Mining Rule 6.3.12 and Rule 6.4.20)*

The Colorado Mined Land Reclamation Board ("Board") has determined that this form, if properly executed, represents an agreement that complies with Construction Materials Rule 6.3.12(a), Rule 6.4.19(a), and C.R.S. § 34-32.5-115(4)(e) and with Hard Rock/Metal Mining Rule 6.3.12(a), Rule 6.4.20(a), and C.R.S. § 34-32-115(4)(d). This form is for the sole purpose of ensuring compliance with the Rules and Regulations and shall not make the Board or Division a necessary party to any private civil lawsuit to enforce the terms of the agreement or create any enforcement obligations in the Board or the Division.

The following structures are located on or within 200 feet of the proposed affected area:

1. Fencing and other agricultural infrastructure
2. _____
3. _____
4. _____
5. _____

(*Please list additional structures on a separate page*)

CERTIFICATION

The Applicant, North Weld County Water District (print applicant/company name), by Eric Reckentine (print representative's name), as District Manager (print representative's title), does hereby certify that Randy and Janetta Gustafson (structure owner) shall be compensated for any damage from the proposed mining operation to the above listed structure(s) located on or within 200 feet of the proposed affected area described within Exhibit A, of the Reclamation Permit Application for Lamb Lakes (operation name), File Number M-2018-039.

This form has been approved by the Colorado Mined Land Reclamation Board pursuant to its authority under the Colorado Land Reclamation Act for the Extraction of Construction Materials and the Colorado Mined Land Reclamation Act for Hard Rock, Metal, and Designated Mining Operations. Any alteration or modification to this form shall result in voiding this form.

NOTARY FOR PERMIT APPLICANT

ACKNOWLEGED BY:

Applicant _____ Representative Name _____

Date _____ Title _____

STATE OF _____)
) ss.
COUNTY OF_____)

The foregoing was acknowledged before me this____ day of _____, 20___, by _____ as _____ of _____.

_____ My Commission Expires:_____
Notary Public

NOTARY FOR STRUCTURE OWNER

ACKNOWLEGED BY:

Structure Owner _____ Name _____

Date _____ Title _____

STATE OF _____)
) ss.
COUNTY OF_____)

The foregoing was acknowledged before me this____ day of _____, 20___, by _____ as _____ of _____.

_____ My Commission Expires:_____
Notary Public

Letter of Transmittal

DATE: **September 19, 2018**

TO: **Larimer and Weld Irrigation Company**
PO Box 206
Eaton, Colorado 80615

FROM: **Bill Schenderlein**
Blue Earth Solutions, LLC
P.O. Box 2427
Fort Collins, Colorado 80522
(970) 227-2803

WE TRANSMIT:	THE FOLLOWING:	FOR YOUR:
■ Attached	■ Originals	☐ Use
☐ Information Below	☐ Copy of Letter	☐ Approval
	☐ Applications	☐ Information
	☐ Specifications	■ Review & Comment
	☐ Other	

Remarks:

North Weld County Water District is in the process of obtaining a Colorado Division of Reclamation, Mining and Safety (DRMS) permit for the reclamation of three historic Martin Marietta Materials gravel pits in Larimer County (see Vicinity Map). The reclamation will involve slurry wall construction around the existing mine pit lakes to create below-grade water storage reservoirs.

As part of the DRMS permitting, North Weld County Water District has identified permanent man-made structures owned by Larimer and Weld Irrigation Company within or adjacent to the project. To protect your interests in the structures, North Weld County Water District is requesting an agreement that provides you with compensation for structure damage. A typical agreement is attached.

Since most mining on the project site has been completed and slurry wall construction is not known to affect the stability of adjacent structures, North Weld County Water District does not anticipate any structure damage. However, to ensure your interests are protected, we request that you please consider approval of a Structure Agreement. Please call me at (970) 227-2803 with any questions or to schedule a meeting for agreement revisions.

Signed: Will Schenderlein

Structure Agreement

This letter has been provided to you as the owner of a structure on or within two hundred (200) feet of a proposed mine site. The State of Colorado, Division of Reclamation, Mining and Safety ("Division") requires that where a mining operation will adversely affect the stability of any significant, valuable and permanent man-made structure located within two hundred (200) feet of the affected land, the Applicant shall either:

a) Provide a notarized agreement between the Applicant and the Person(s) having an interest in the structure, that the Applicant is to provide compensation for any damage to the structure; or

b) Where such an agreement cannot be reached, the Applicant shall provide an appropriate engineering evaluation that demonstrates that such structure shall not be damaged by activities occurring at the mining operation; or

c) Where such structure is a utility, the Applicant may supply a notarized letter, on utility letterhead, from the owner(s) of the utility that the mining and reclamation activities, as proposed, will have "no negative effect" on their utility. (*Construction Materials Rule 6.3.12 and Rule 6.4.19 & Hard Rock/Metal Mining Rule 6.3.12 and Rule 6.4.20)*

The Colorado Mined Land Reclamation Board ("Board") has determined that this form, if properly executed, represents an agreement that complies with Construction Materials Rule 6.3.12(a), Rule 6.4.19(a), and C.R.S. § 34-32.5-115(4)(e) and with Hard Rock/Metal Mining Rule 6.3.12(a), Rule 6.4.20(a), and C.R.S. § 34-32-115(4)(d). This form is for the sole purpose of ensuring compliance with the Rules and Regulations and shall not make the Board or Division a necessary party to any private civil lawsuit to enforce the terms of the agreement or create any enforcement obligations in the Board or the Division.

The following structures are located on or within 200 feet of the proposed affected area:

1. Grade control structure _____
2. _____
3. _____
4. _____
5. _____

(*Please list additional structures on a separate page*)

CERTIFICATION

The Applicant, North Weld County Water District (print applicant/company name), by Eric Reckentine (print representative's name), as District Manager (print representative's title), does hereby certify that Larimer and Weld Irrigation Company (structure owner) shall be compensated for any damage from the proposed mining operation to the above listed structure(s) located on or within 200 feet of the proposed affected area described within Exhibit A, of the Reclamation Permit Application for Lamb Lakes (operation name), File Number M-2018-039.

This form has been approved by the Colorado Mined Land Reclamation Board pursuant to its authority under the Colorado Land Reclamation Act for the Extraction of Construction Materials and the Colorado Mined Land Reclamation Act for Hard Rock, Metal, and Designated Mining Operations. Any alteration or modification to this form shall result in voiding this form.

NOTARY FOR PERMIT APPLICANT

ACKNOWLEGED BY:

Applicant _____ Representative Name _____

Date _____ Title _____

STATE OF _____)
) ss.
COUNTY OF_____)

The foregoing was acknowledged before me this____ day of _____, 20___, by _____ as _____ of _____.

_____ My Commission Expires:_____
Notary Public

NOTARY FOR STRUCTURE OWNER

ACKNOWLEGED BY:

Structure Owner _____ Name _____

Date _____ Title _____

STATE OF _____)
) ss.
COUNTY OF_____)

The foregoing was acknowledged before me this____ day of _____, 20___, by _____ as _____ of _____.

_____ My Commission Expires:_____
Notary Public

Letter of Transmittal

DATE: **September 19, 2018**

TO: **Larimer County Emergency Services**
1303 N. Shields Street
Fort Collins, Colorado 80524

FROM: **Bill Schenderlein**
Blue Earth Solutions, LLC
P.O. Box 2427
Fort Collins, Colorado 80522
(970) 227-2803

WE TRANSMIT:	THE FOLLOWING:	FOR YOUR:
■ Attached	■ Originals	☐ Use
☐ Information Below	☐ Copy of Letter	☐ Approval
	☐ Applications	☐ Information
	☐ Specifications	■ Review & Comment
	☐ Other	

Remarks:

North Weld County Water District is in the process of obtaining a Colorado Division of Reclamation, Mining and Safety (DRMS) permit for the reclamation of three historic Martin Marietta Materials gravel pits in Larimer County (see Vicinity Map). The reclamation will involve slurry wall construction around the existing mine pit lakes to create below-grade water storage reservoirs.

As part of the DRMS permitting, North Weld County Water District has identified permanent man-made structures owned by Larimer County Emergency Services within or adjacent to the project. To protect your interests in the structures, North Weld County Water District is requesting an agreement that provides you with compensation for structure damage. A typical agreement is attached.

Since most mining on the project site has been completed and slurry wall construction is not known to affect the stability of adjacent structures, North Weld County Water District does not anticipate any structure damage. However, to ensure your interests are protected, we request that you please consider approval of a Structure Agreement. Please call me at (970) 227-2803 with any questions or to schedule a meeting for agreement revisions.

Signed: Will Schenderlein

Structure Agreement

This letter has been provided to you as the owner of a structure on or within two hundred (200) feet of a proposed mine site. The State of Colorado, Division of Reclamation, Mining and Safety ("Division") requires that where a mining operation will adversely affect the stability of any significant, valuable and permanent man-made structure located within two hundred (200) feet of the affected land, the Applicant shall either:

a) Provide a notarized agreement between the Applicant and the Person(s) having an interest in the structure, that the Applicant is to provide compensation for any damage to the structure; or

b) Where such an agreement cannot be reached, the Applicant shall provide an appropriate engineering evaluation that demonstrates that such structure shall not be damaged by activities occurring at the mining operation; or

c) Where such structure is a utility, the Applicant may supply a notarized letter, on utility letterhead, from the owner(s) of the utility that the mining and reclamation activities, as proposed, will have "no negative effect" on their utility. (*Construction Materials Rule 6.3.12 and Rule 6.4.19 & Hard Rock/Metal Mining Rule 6.3.12 and Rule 6.4.20)*

The Colorado Mined Land Reclamation Board ("Board") has determined that this form, if properly executed, represents an agreement that complies with Construction Materials Rule 6.3.12(a), Rule 6.4.19(a), and C.R.S. § 34-32.5-115(4)(e) and with Hard Rock/Metal Mining Rule 6.3.12(a), Rule 6.4.20(a), and C.R.S. § 34-32-115(4)(d). This form is for the sole purpose of ensuring compliance with the Rules and Regulations and shall not make the Board or Division a necessary party to any private civil lawsuit to enforce the terms of the agreement or create any enforcement obligations in the Board or the Division.

The following structures are located on or within 200 feet of the proposed affected area:

1. Fencing and other open space infrastructure
2. _____
3. _____
4. _____
5. _____

(*Please list additional structures on a separate page*)

CERTIFICATION

The Applicant, North Weld County Water District (print applicant/company name), by Eric Reckentine (print representative's name), as District Manager (print representative's title), does hereby certify that Larimer County (structure owner) shall be compensated for any damage from the proposed mining operation to the above listed structure(s) located on or within 200 feet of the proposed affected area described within Exhibit A, of the Reclamation Permit Application for Lamb Lakes (operation name), File Number M-2018-039.

This form has been approved by the Colorado Mined Land Reclamation Board pursuant to its authority under the Colorado Land Reclamation Act for the Extraction of Construction Materials and the Colorado Mined Land Reclamation Act for Hard Rock, Metal, and Designated Mining Operations. Any alteration or modification to this form shall result in voiding this form.

NOTARY FOR PERMIT APPLICANT

ACKNOWLEGED BY:

Applicant _____ Representative Name _____

Date _____ Title _____

STATE OF _____)
) ss.
COUNTY OF_____)

The foregoing was acknowledged before me this____ day of _____, 20___, by _____ as _____ of _____.

_____ My Commission Expires:_____
Notary Public

NOTARY FOR STRUCTURE OWNER

ACKNOWLEGED BY:

Structure Owner _____ Name _____

Date _____ Title _____

STATE OF _____)
) ss.
COUNTY OF_____)

The foregoing was acknowledged before me this____ day of _____, 20___, by _____ as _____ of _____.

_____ My Commission Expires:_____
Notary Public

Letter of Transmittal

DATE: **September 19, 2018**

TO: **Ms. Julie Mikulas**
Martin Marietta Materials
1800 North Taft Hill Road
Fort Collins, Colorado 80521

FROM: **Bill Schenderlein**
Blue Earth Solutions, LLC
P.O. Box 2427
Fort Collins, Colorado 80522
(970) 227-2803

WE TRANSMIT:	THE FOLLOWING:	FOR YOUR:
■ Attached	■ Originals	☐ Use
☐ Information Below	☐ Copy of Letter	☐ Approval
	☐ Applications	☐ Information
	☐ Specifications	■ Review & Comment
	☐ Other	

Remarks:

North Weld County Water District is in the process of obtaining a Colorado Division of Reclamation, Mining and Safety (DRMS) permit for the reclamation of three historic Martin Marietta Materials gravel pits in Larimer County (see Vicinity Map). The reclamation will involve slurry wall construction around the existing mine pit lakes to create below-grade water storage reservoirs.

As part of the DRMS permitting, North Weld County Water District has identified permanent man-made structures owned by Martin Marietta Materials within or adjacent to the project. To protect your interests in the structures, North Weld County Water District is requesting an agreement that provides you with compensation for structure damage. A typical agreement is attached.

Since most mining on the project site has been completed and slurry wall construction is not known to affect the stability of adjacent structures, North Weld County Water District does not anticipate any structure damage. However, to ensure your interests are protected, we request that you please consider approval of a Structure Agreement. Please call me at (970) 227-2803 with any questions or to schedule a meeting for agreement revisions.

Signed: 

Structure Agreement

This letter has been provided to you as the owner of a structure on or within two hundred (200) feet of a proposed mine site. The State of Colorado, Division of Reclamation, Mining and Safety ("Division") requires that where a mining operation will adversely affect the stability of any significant, valuable and permanent man-made structure located within two hundred (200) feet of the affected land, the Applicant shall either:

a) Provide a notarized agreement between the Applicant and the Person(s) having an interest in the structure, that the Applicant is to provide compensation for any damage to the structure; or

b) Where such an agreement cannot be reached, the Applicant shall provide an appropriate engineering evaluation that demonstrates that such structure shall not be damaged by activities occurring at the mining operation; or

c) Where such structure is a utility, the Applicant may supply a notarized letter, on utility letterhead, from the owner(s) of the utility that the mining and reclamation activities, as proposed, will have "no negative effect" on their utility. (*Construction Materials Rule 6.3.12 and Rule 6.4.19 & Hard Rock/Metal Mining Rule 6.3.12 and Rule 6.4.20)*

The Colorado Mined Land Reclamation Board ("Board") has determined that this form, if properly executed, represents an agreement that complies with Construction Materials Rule 6.3.12(a), Rule 6.4.19(a), and C.R.S. § 34-32.5-115(4)(e) and with Hard Rock/Metal Mining Rule 6.3.12(a), Rule 6.4.20(a), and C.R.S. § 34-32-115(4)(d). This form is for the sole purpose of ensuring compliance with the Rules and Regulations and shall not make the Board or Division a necessary party to any private civil lawsuit to enforce the terms of the agreement or create any enforcement obligations in the Board or the Division.

The following structures are located on or within 200 feet of the proposed affected area:

1. Mining infrastructure including electrical lines, pumps, piping, fencing,
2. and other man-made structures.
3. _____
4. _____
5. _____

(*Please list additional structures on a separate page*)

CERTIFICATION

The Applicant, North Weld County Water District (print applicant/company name), by Eric Reckentine (print representative's name), as District Manager (print representative's title), does hereby certify that Martin Marietta Materials (structure owner) shall be compensated for any damage from the proposed mining operation to the above listed structure(s) located on or within 200 feet of the proposed affected area described within Exhibit A, of the Reclamation Permit Application for Treiber Lakes (operation name), File Number M-2018-039.

This form has been approved by the Colorado Mined Land Reclamation Board pursuant to its authority under the Colorado Land Reclamation Act for the Extraction of Construction Materials and the Colorado Mined Land Reclamation Act for Hard Rock, Metal, and Designated Mining Operations. Any alteration or modification to this form shall result in voiding this form.

NOTARY FOR PERMIT APPLICANT

ACKNOWLEGED BY:

Applicant _____ Representative Name _____

Date _____ Title _____

STATE OF _____)
) ss.
COUNTY OF_____)

The foregoing was acknowledged before me this____ day of _____, 20___, by _____ as _____ of _____.

_____ My Commission Expires:_____
Notary Public

NOTARY FOR STRUCTURE OWNER

ACKNOWLEGED BY:

Structure Owner _____ Name _____

Date _____ Title _____

STATE OF _____)
) ss.
COUNTY OF_____)

The foregoing was acknowledged before me this____ day of _____, 20___, by _____ as _____ of _____.

_____ My Commission Expires:_____
Notary Public

Letter of Transmittal

DATE: **September 19, 2018**

TO: **Platte River Power Authority**
Attn: Gary Wittenberg and Mark Curtis
2000 East Horsetooth
Fort Collins, Colorado 80525

FROM: **Bill Schenderlein**
Blue Earth Solutions, LLC
P.O. Box 2427
Fort Collins, Colorado 80522
(970) 227-2803

WE TRANSMIT:	THE FOLLOWING:	FOR YOUR:
■ Attached	■ Originals	☐ Use
☐ Information Below	☐ Copy of Letter	☐ Approval
	☐ Applications	☐ Information
	☐ Specifications	■ Review & Comment
	☐ Other	

Remarks:

North Weld County Water District is in the process of obtaining a Colorado Division of Reclamation, Mining and Safety (DRMS) permit for the reclamation of three historic Martin Marietta Materials gravel pits in Larimer County (see Vicinity Map). The reclamation will involve slurry wall construction around the existing mine pit lakes to create below-grade water storage reservoirs.

As part of the DRMS permitting, North Weld County Water District has identified permanent man-made structures owned by Platte River Power Authority within or adjacent to the project. To protect your interests in the structures, North Weld County Water District is requesting an agreement that provides you with compensation for structure damage. A typical agreement is attached.

Since most mining on the project site has been completed and slurry wall construction is not known to affect the stability of adjacent structures, North Weld County Water District does not anticipate any structure damage. However, to ensure your interests are protected, we request that you please consider approval of a Structure Agreement. Please call me at (970) 227-2803 with any questions or to schedule a meeting for agreement revisions.

Signed: Bill Schenderlein

Structure Agreement

This letter has been provided to you as the owner of a structure on or within two hundred (200) feet of a proposed mine site. The State of Colorado, Division of Reclamation, Mining and Safety ("Division") requires that where a mining operation will adversely affect the stability of any significant, valuable and permanent man-made structure located within two hundred (200) feet of the affected land, the Applicant shall either:

a) Provide a notarized agreement between the Applicant and the Person(s) having an interest in the structure, that the Applicant is to provide compensation for any damage to the structure; or

b) Where such an agreement cannot be reached, the Applicant shall provide an appropriate engineering evaluation that demonstrates that such structure shall not be damaged by activities occurring at the mining operation; or

c) Where such structure is a utility, the Applicant may supply a notarized letter, on utility letterhead, from the owner(s) of the utility that the mining and reclamation activities, as proposed, will have "no negative effect" on their utility. (*Construction Materials Rule 6.3.12 and Rule 6.4.19 & Hard Rock/Metal Mining Rule 6.3.12 and Rule 6.4.20)*

The Colorado Mined Land Reclamation Board ("Board") has determined that this form, if properly executed, represents an agreement that complies with Construction Materials Rule 6.3.12(a), Rule 6.4.19(a), and C.R.S. § 34-32.5-115(4)(e) and with Hard Rock/Metal Mining Rule 6.3.12(a), Rule 6.4.20(a), and C.R.S. § 34-32-115(4)(d). This form is for the sole purpose of ensuring compliance with the Rules and Regulations and shall not make the Board or Division a necessary party to any private civil lawsuit to enforce the terms of the agreement or create any enforcement obligations in the Board or the Division.

The following structures are located on or within 200 feet of the proposed affected area:

1. Overhead power transmission lines and poles
2. _____
3. _____
4. _____
5. _____

(*Please list additional structures on a separate page*)

CERTIFICATION

The Applicant, North Weld County Water District (print applicant/company name), by Eric Reckentine (print representative's name), as District Manager (print representative's title), does hereby certify that Platte River Power Authority (structure owner) shall be compensated for any damage from the proposed mining operation to the above listed structure(s) located on or within 200 feet of the proposed affected area described within Exhibit A, of the Reclamation Permit Application for Lamb Lakes (operation name), File Number M-2018-039.

This form has been approved by the Colorado Mined Land Reclamation Board pursuant to its authority under the Colorado Land Reclamation Act for the Extraction of Construction Materials and the Colorado Mined Land Reclamation Act for Hard Rock, Metal, and Designated Mining Operations. Any alteration or modification to this form shall result in voiding this form.

NOTARY FOR PERMIT APPLICANT

ACKNOWLEGED BY:

Applicant _____ Representative Name _____

Date _____ Title _____

STATE OF _____)
) ss.
COUNTY OF_____)

The foregoing was acknowledged before me this____ day of _____, 20___, by _____ as _____ of _____.

_____ My Commission Expires:_____
Notary Public

NOTARY FOR STRUCTURE OWNER

ACKNOWLEGED BY:

Structure Owner _____ Name _____

Date _____ Title _____

STATE OF _____)
) ss.
COUNTY OF_____)

The foregoing was acknowledged before me this____ day of _____, 20___, by _____ as _____ of _____.

_____ My Commission Expires:_____
Notary Public

Letter of Transmittal

DATE: **September 19, 2018**

TO: **Poudre R-1 School District**
2407 Laporte Avenue
Fort Collins, Colorado 80521

FROM: **Bill Schenderlein**
Blue Earth Solutions, LLC
P.O. Box 2427
Fort Collins, Colorado 80522
(970) 227-2803

WE TRANSMIT:	THE FOLLOWING:	FOR YOUR:
■ Attached	■ Originals	☐ Use
☐ Information Below	☐ Copy of Letter	☐ Approval
	☐ Applications	☐ Information
	☐ Specifications	■ Review & Comment
	☐ Other	

Remarks:

North Weld County Water District is in the process of obtaining a Colorado Division of Reclamation, Mining and Safety (DRMS) permit for the reclamation of three historic Martin Marietta Materials gravel pits in Larimer County (see Vicinity Map). The reclamation will involve slurry wall construction around the existing mine pit lakes to create below-grade water storage reservoirs.

As part of the DRMS permitting, North Weld County Water District has identified permanent man-made structures owned by Poudre R-1 School District within or adjacent to the project. To protect your interests in the structures, North Weld County Water District is requesting an agreement that provides you with compensation for structure damage. A typical agreement is attached.

Since most mining on the project site has been completed and slurry wall construction is not known to affect the stability of adjacent structures, North Weld County Water District does not anticipate any structure damage. However, to ensure your interests are protected, we request that you please consider approval of a Structure Agreement. Please call me at (970) 227-2803 with any questions or to schedule a meeting for agreement revisions.

Signed: Will Schenderlein

Structure Agreement

This letter has been provided to you as the owner of a structure on or within two hundred (200) feet of a proposed mine site. The State of Colorado, Division of Reclamation, Mining and Safety ("Division") requires that where a mining operation will adversely affect the stability of any significant, valuable and permanent man-made structure located within two hundred (200) feet of the affected land, the Applicant shall either:

a) Provide a notarized agreement between the Applicant and the Person(s) having an interest in the structure, that the Applicant is to provide compensation for any damage to the structure; or

b) Where such an agreement cannot be reached, the Applicant shall provide an appropriate engineering evaluation that demonstrates that such structure shall not be damaged by activities occurring at the mining operation; or

c) Where such structure is a utility, the Applicant may supply a notarized letter, on utility letterhead, from the owner(s) of the utility that the mining and reclamation activities, as proposed, will have "no negative effect" on their utility. (*Construction Materials Rule 6.3.12 and Rule 6.4.19 & Hard Rock/Metal Mining Rule 6.3.12 and Rule 6.4.20)*

The Colorado Mined Land Reclamation Board ("Board") has determined that this form, if properly executed, represents an agreement that complies with Construction Materials Rule 6.3.12(a), Rule 6.4.19(a), and C.R.S. § 34-32.5-115(4)(e) and with Hard Rock/Metal Mining Rule 6.3.12(a), Rule 6.4.20(a), and C.R.S. § 34-32-115(4)(d). This form is for the sole purpose of ensuring compliance with the Rules and Regulations and shall not make the Board or Division a necessary party to any private civil lawsuit to enforce the terms of the agreement or create any enforcement obligations in the Board or the Division.

The following structures are located on or within 200 feet of the proposed affected area:

1. Fencing, un-improved roads, and other open space infrastructure
2. Easement
3. _____
4. _____
5. _____

(*Please list additional structures on a separate page*)

CERTIFICATION

The Applicant, North Weld County Water District (print applicant/company name), by Eric Reckentine (print representative's name), as District Manager (print representative's title), does hereby certify that Poudre R-1 School District (structure owner) shall be compensated for any damage from the proposed mining operation to the above listed structure(s) located on or within 200 feet of the proposed affected area described within Exhibit A, of the Reclamation Permit Application for Lamb Lakes (operation name), File Number M-2018-039.

This form has been approved by the Colorado Mined Land Reclamation Board pursuant to its authority under the Colorado Land Reclamation Act for the Extraction of Construction Materials and the Colorado Mined Land Reclamation Act for Hard Rock, Metal, and Designated Mining Operations. Any alteration or modification to this form shall result in voiding this form.

NOTARY FOR PERMIT APPLICANT

ACKNOWLEGED BY:

Applicant _____ Representative Name _____

Date _____ Title _____

STATE OF _____)
) ss.
COUNTY OF_____)

The foregoing was acknowledged before me this____ day of _____, 20___, by _____ as _____ of _____.

_____ My Commission Expires:_____
Notary Public

NOTARY FOR STRUCTURE OWNER

ACKNOWLEGED BY:

Structure Owner _____ Name _____

Date _____ Title _____

STATE OF _____)
) ss.
COUNTY OF_____)

The foregoing was acknowledged before me this____ day of _____, 20___, by _____ as _____ of _____.

_____ My Commission Expires:_____
Notary Public

Letter of Transmittal

DATE: **September 19, 2018**

TO: **Poudre Valley REA**
Attn: Matt Organ
7649 REA Parkway
Fort Collins, Colorado 80528

FROM: **Bill Schenderlein**
Blue Earth Solutions, LLC
P.O. Box 2427
Fort Collins, Colorado 80522
(970) 227-2803

WE TRANSMIT:	**THE FOLLOWING:**	**FOR YOUR:**
■ Attached	■ Originals	☐ Use
☐ Information Below	☐ Copy of Letter	☐ Approval
	☐ Applications	☐ Information
	☐ Specifications	■ Review & Comment
	☐ Other	

Remarks:

North Weld County Water District is in the process of obtaining a Colorado Division of Reclamation, Mining and Safety (DRMS) permit for the reclamation of three historic Martin Marietta Materials gravel pits in Larimer County (see Vicinity Map). The reclamation will involve slurry wall construction around the existing mine pit lakes to create below-grade water storage reservoirs.

As part of the DRMS permitting, North Weld County Water District has identified permanent man-made structures owned by Poudre Valley REA within or adjacent to the project. To protect your interests in the structures, North Weld County Water District is requesting an agreement that provides you with compensation for structure damage. A typical agreement is attached.

Since most mining on the project site has been completed and slurry wall construction is not known to affect the stability of adjacent structures, North Weld County Water District does not anticipate any structure damage. However, to ensure your interests are protected, we request that you please consider approval of a Structure Agreement. Please call me at (970) 227-2803 with any questions or to schedule a meeting for agreement revisions.

Signed: 

Structure Agreement

This letter has been provided to you as the owner of a structure on or within two hundred (200) feet of a proposed mine site. The State of Colorado, Division of Reclamation, Mining and Safety ("Division") requires that where a mining operation will adversely affect the stability of any significant, valuable and permanent man-made structure located within two hundred (200) feet of the affected land, the Applicant shall either:

a) Provide a notarized agreement between the Applicant and the Person(s) having an interest in the structure, that the Applicant is to provide compensation for any damage to the structure; or

b) Where such an agreement cannot be reached, the Applicant shall provide an appropriate engineering evaluation that demonstrates that such structure shall not be damaged by activities occurring at the mining operation; or

c) Where such structure is a utility, the Applicant may supply a notarized letter, on utility letterhead, from the owner(s) of the utility that the mining and reclamation activities, as proposed, will have "no negative effect" on their utility. (*Construction Materials Rule 6.3.12 and Rule 6.4.19 & Hard Rock/Metal Mining Rule 6.3.12 and Rule 6.4.20)*

The Colorado Mined Land Reclamation Board ("Board") has determined that this form, if properly executed, represents an agreement that complies with Construction Materials Rule 6.3.12(a), Rule 6.4.19(a), and C.R.S. § 34-32.5-115(4)(e) and with Hard Rock/Metal Mining Rule 6.3.12(a), Rule 6.4.20(a), and C.R.S. § 34-32-115(4)(d). This form is for the sole purpose of ensuring compliance with the Rules and Regulations and shall not make the Board or Division a necessary party to any private civil lawsuit to enforce the terms of the agreement or create any enforcement obligations in the Board or the Division.

The following structures are located on or within 200 feet of the proposed affected area:

1. Overhead power/utility lines and poles
2. _____
3. _____
4. _____
5. _____

(*Please list additional structures on a separate page*)

CERTIFICATION

The Applicant, North Weld County Water District (print applicant/company name), by Eric Reckentine (print representative's name), as District Manager (print representative's title), does hereby certify that Poudre Valley REA (structure owner) shall be compensated for any damage from the proposed mining operation to the above listed structure(s) located on or within 200 feet of the proposed affected area described within Exhibit A, of the Reclamation Permit Application for Lamb Lakes (operation name), File Number M-2018-039.

This form has been approved by the Colorado Mined Land Reclamation Board pursuant to its authority under the Colorado Land Reclamation Act for the Extraction of Construction Materials and the Colorado Mined Land Reclamation Act for Hard Rock, Metal, and Designated Mining Operations. Any alteration or modification to this form shall result in voiding this form.

NOTARY FOR PERMIT APPLICANT

ACKNOWLEGED BY:

Applicant _____ Representative Name _____

Date _____ Title _____

STATE OF _____)
) ss.
COUNTY OF_____)

The foregoing was acknowledged before me this____ day of _____, 20___, by _____ as _____ of _____.

_____ My Commission Expires:_____
Notary Public

NOTARY FOR STRUCTURE OWNER

ACKNOWLEGED BY:

Structure Owner _____ Name _____

Date _____ Title _____

STATE OF _____)
) ss.
COUNTY OF_____)

The foregoing was acknowledged before me this____ day of _____, 20___, by _____ as _____ of _____.

_____ My Commission Expires:_____
Notary Public

Letter of Transmittal

DATE: October 3, 2018

TO: Steven Blain Steward
2812 Tulane Dr
Fort Collins, Colorado 80525

FROM: Bill Schenderlein
Blue Earth Solutions, LLC
P.O. Box 2427
Fort Collins, Colorado 80522
(970) 227-2803

WE TRANSMIT:	THE FOLLOWING:	FOR YOUR:
■ Attached	■ Originals	☐ Use
☐ Information Below	☐ Copy of Letter	☐ Approval
	☐ Applications	☐ Information
	☐ Specifications	■ Review & Comment
	☐ Other	

Remarks:

North Weld County Water District is in the process of obtaining a Colorado Division of Reclamation, Mining and Safety (DRMS) permit for the reclamation of three historic Martin Marietta Materials gravel pits in Larimer County (see Vicinity Map). The reclamation will involve slurry wall construction around the existing mine pit lakes to create below-grade water storage reservoirs.

As part of the DRMS permitting, North Weld County Water District has identified permanent man-made structures owned by you within or adjacent to the project. To protect your interests in the structures, North Weld County Water District is requesting an agreement that provides you with compensation for structure damage. A typical agreement is attached.

Since most mining on the project site has been completed and slurry wall construction is not known to affect the stability of adjacent structures, North Weld County Water District does not anticipate any structure damage. However, to ensure your interests are protected, we request that you please consider approval of a Structure Agreement. Please call me at (970) 227-2803 with any questions or to schedule a meeting for agreement revisions.

Signed: Bill Schenderlein

Structure Agreement

This letter has been provided to you as the owner of a structure on or within two hundred (200) feet of a proposed mine site. The State of Colorado, Division of Reclamation, Mining and Safety ("Division") requires that where a mining operation will adversely affect the stability of any significant, valuable and permanent man-made structure located within two hundred (200) feet of the affected land, the Applicant shall either:

a) Provide a notarized agreement between the Applicant and the Person(s) having an interest in the structure, that the Applicant is to provide compensation for any damage to the structure; or

b) Where such an agreement cannot be reached, the Applicant shall provide an appropriate engineering evaluation that demonstrates that such structure shall not be damaged by activities occurring at the mining operation; or

c) Where such structure is a utility, the Applicant may supply a notarized letter, on utility letterhead, from the owner(s) of the utility that the mining and reclamation activities, as proposed, will have "no negative effect" on their utility. (*Construction Materials Rule 6.3.12 and Rule 6.4.19 & Hard Rock/Metal Mining Rule 6.3.12 and Rule 6.4.20)*

The Colorado Mined Land Reclamation Board ("Board") has determined that this form, if properly executed, represents an agreement that complies with Construction Materials Rule 6.3.12(a), Rule 6.4.19(a), and C.R.S. § 34-32.5-115(4)(e) and with Hard Rock/Metal Mining Rule 6.3.12(a), Rule 6.4.20(a), and C.R.S. § 34-32-115(4)(d). This form is for the sole purpose of ensuring compliance with the Rules and Regulations and shall not make the Board or Division a necessary party to any private civil lawsuit to enforce the terms of the agreement or create any enforcement obligations in the Board or the Division.

The following structures are located on or within 200 feet of the proposed affected area:

1. Fencing and other agricultural infrastructure
2. _____
3. _____
4. _____
5. _____

(*Please list additional structures on a separate page*)

CERTIFICATION

The Applicant, North Weld County Water District (print applicant/company name), by Eric Reckentine (print representative's name), as District Manager (print representative's title), does hereby certify that Steven Blain Steward (structure owner) shall be compensated for any damage from the proposed mining operation to the above listed structure(s) located on or within 200 feet of the proposed affected area described within Exhibit A, of the Reclamation Permit Application for Lamb Lakes (operation name), File Number M-2018-039.

This form has been approved by the Colorado Mined Land Reclamation Board pursuant to its authority under the Colorado Land Reclamation Act for the Extraction of Construction Materials and the Colorado Mined Land Reclamation Act for Hard Rock, Metal, and Designated Mining Operations. Any alteration or modification to this form shall result in voiding this form.

NOTARY FOR PERMIT APPLICANT

ACKNOWLEGED BY:

Applicant _____ Representative Name _____

Date _____ Title _____

STATE OF _____)
) ss.
COUNTY OF_____)

The foregoing was acknowledged before me this____ day of _____, 20___, by _____ as _____ of _____.

_____ My Commission Expires:_____
Notary Public

NOTARY FOR STRUCTURE OWNER

ACKNOWLEGED BY:

Structure Owner _____ Name _____

Date _____ Title _____

STATE OF _____)
) ss.
COUNTY OF_____)

The foregoing was acknowledged before me this____ day of _____, 20___, by _____ as _____ of _____.

_____ My Commission Expires:_____
Notary Public

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

FORT COLLINS, CO 80521

Certified Mail Fee $3.45

Extra Services & Fees (check box, add fee as appropriate)
- Return Receipt (hardcopy) $2.75
- Return Receipt (electronic) $0.00
- Certified Mail Restricted Delivery $0.00
- Adult Signature Required $0.00
- Adult Signature Restricted Delivery $0.00

Postage $0.71

Total Postage and Fees $6.91

Sent To MARTIN MARIETTA MATERIALS
Street 1800 N TAFT HILL ROAD
City, FORT COLLINS, CO 80521

USPS 0197 40 Postmark Here SEP 26 2018 FORT COLLINS CO 80521

09/26/2018

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7017 1000 0000 3646 0423

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

MARTIN MARIETTA MATERIALS
1800 N TAFT HILL ROAD
FORT COLLINS, CO 80521

9590 9402 1272 5246 6364 40

2. Article Number (Transfer from service label)

7017 1000 0000 3646 0423

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☐ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Mail
- ☐ Mail Restricted Delivery (over $500)
- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Return Receipt for Merchandise
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

FORT COLLINS, CO 80528

Certified Mail Fee $3.45

Extra Services & Fees (check box, add fee as appropriate)
- Return Receipt (hardcopy) $0.00
- Return Receipt (electronic) $0.00
- Certified Mail Restricted Delivery $0.00
- Adult Signature Required $0.00
- Adult Signature Restricted Delivery $0.00

Postage $0.71

Total Postage and Fees $6.91

Sent To RICHARD CONNELL
Street a C/O CONNELL RESOURCES INC
7785 HIGHLAND MEADOWS PKWY
City, St FORT COLLINS, CO 80528

USPS 0197 40 Postmark Here SEP 26 2018 FORT COLLINS CO 80528

09/26/2018

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7017 1000 0000 3646 0355

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

RICHARD CONNELL
C/O CONNELL RESOURCES INC
7785 HIGHLAND MEADOWS PKWY
FORT COLLINS, CO 80528

9590 9402 1272 5246 6365 18

2. Article Number (Transfer from service label)

7017 1000 0000 3646 0355

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☐ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Mail
- ☐ Mail Restricted Delivery (over $500)
- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Return Receipt for Merchandise
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

7017 1000 0000 3646 0379

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at *www.usps.com®*.

OFFICIAL USE

FORT COLLINS, CO 80525

Certified Mail Fee	$3.45
Extra Services & Fees *(check box, add fee as appropriate)*	
☐ Return Receipt (hardcopy)	$2.75
☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$0.00
Postage	$0.71
Total Postage and Fees	$6.91

Postmark Here
SEP 26 2018
FORT COLLINS, CO 80521
0197
40
09/26/2018

Sent To: FORT COLLINS-LOVELAND WATER DISTRICT
Street an: 5150 SNEAD DRIVE
City, Stat: FORT COLLINS, CO 80525

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

FORT COLLINS-LOVELAND
WATER DISTRICT
5150 SNEAD DRIVE
FORT COLLINS, CO 80525

9590 9402 1272 5246 6364 95

2. Article Number *(Transfer from service label)*
7017 1000 0000 3646 0379

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Sandra Hays ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* SANDRA HAYS C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Mail
☐ Mail Restricted Delivery (over $500)
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

7017 1000 0000 3646 0362

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at *www.usps.com®*.

OFFICIAL USE

FORT COLLINS, CO 80524

Certified Mail Fee	$3.45
Extra Services & Fees *(check box, add fee as appropriate)*	
☐ Return Receipt (hardcopy)	$2.75
☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$0.00
Postage	$0.71
Total Postage and Fees	$6.91

Postmark Here
SEP 26 2018
FORT COLLINS, CO 80521
0197
40
09/26/2018

Sent To: EAST LARIMER COUNTY WATER DISTRICT
Street an: 232 SOUTH LINK LANE
City, Stat: FORT COLLINS, CO 80524

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

EAST LARIMER COUNTY WATER
DISTRICT
232 SOUTH LINK LANE
FORT COLLINS, CO 80524

9590 9402 1272 5246 6365 01

2. Article Number *(Transfer from service label)*
7017 1000 0000 3646 0362

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Tracy Brophy ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* TRACY BROPHY C. Date of Delivery 9-28-18

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Mail
☐ Mail Restricted Delivery (over $500)
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at *www.usps.com®*.

FORT COLLINS, CO 80521 OFFICIAL USE

Certified Mail Fee	$3.45
Extra Services & Fees (check box, add fee as appropriate)	$2.75
☐ Return Receipt (hardcopy)	$0.00
☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$
Postage	$0.71
Total Postage and Fees	$6.91

0197 40

Postmark Here
SEP 26 2018
FORT COLLINS CO 80521 USPS
09/26/2018

Sent To: POUDRE R-1 SCHOOL DISTRICT
Street: 2407 LAPORTE AVE
City: FORT COLLINS, CO 80521

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7017 1000 0000 3646 0447

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

POUDRE R-1 SCHOOL DISTRICT
2407 LAPORTE AVE
FORT COLLINS, CO 80521

9590 9402 1272 5246 6364 26

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Gina R. Silva ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* T. SILVA C. Date of Delivery 9-28-18

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

7017 1000 0000 3646 0430

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at *www.usps.com®*.

FORT COLLINS, CO 80525 OFFICIAL USE

Certified Mail Fee	$3.45
Extra Services & Fees (check box, add fee as appropriate)	$2.75
☐ Return Receipt (hardcopy)	$0.00
☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$0.00
Postage	$0.71
Total Postage and Fees	$6.91

0197 40

Postmark Here
SEP 26 2018
FORT COLLINS CO 80525 USPS
09/26/2018

Sent To: PLATTE RIVER POWER AUTHORITY
Street: 2000 E HORSETOOTH RD
City, St: FORT COLLINS, CO 80525

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7017 1000 0000 3646 0430

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

PLATTE RIVER POWER AUTHORITY
2000 E HORSETOOTH RD
FORT COLLINS, CO 80525

9590 9402 1272 5246 6364 33

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☒ Agent ☐ Addressee

B. Received by *(Printed Name)* Donna Besser C. Date of Delivery 9/28/18

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☒ No
DONNA BESSER

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

7017 0190 0000 6117 8411

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at *www.usps.com®*.

FORT COLLINS, CO 80521

OFFICIAL USE

Certified Mail Fee	$3.45
Extra Services & Fees (check box, add fee as appropriate)	
☐ Return Receipt (hardcopy)	$0.00
☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$
Postage	$0.71
Total Postage and Fees	$6.91

0197 40

Postmark Here
SEP 26 2018
USPS FORT COLLINS CO 80521
09/26/2018

Sent To
Street and
City, State

CITY OF FORT COLLINS
300 LAPORTE AVE
FORT COLLINS, CO 80521

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

CITY OF FORT COLLINS
300 LAPORTE AVE
FORT COLLINS, CO 80521

9590 9402 1272 5246 6365 32

2. Article Number (Transfer from service label)
7017 0190 0000 6117 8411

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Jerry Wood ☐ Agent ☐ Addressee

B. Received by (Printed Name) JERRY WOOD
C. Date of Delivery 10/1/18

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

7017 0190 0000 6117 8428

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at *www.usps.com®*.

FORT COLLINS, CO 80522

OFFICIAL USE

Certified Mail Fee	$3.45
Extra Services & Fees (check box, add fee as appropriate)	
☐ Return Receipt (hardcopy)	$0.00
☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$
Postage	$0.71
Total Postage and Fees	$6.91

0197 40

Postmark Here
SEP 26 2018
USPS FORT COLLINS CO 80521
09/26/2018

Sent To
Street and Ap
City, State, Z

CITY OF FORT COLLINS
PO BOX 580
FORT COLLINS, CO 80522-0580

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

CITY OF FORT COLLINS
PO BOX 580
FORT COLLINS, CO 80522-0580

9590 9402 1272 5246 6365 25

2. Article Number (Transfer from service label)
7017 0190 0000 6117 8428

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Jerry Wood ☐ Agent ☐ Addressee

B. Received by (Printed Name) JERRY WOOD
C. Date of Delivery 10/1/18

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

7017 1000 0000 3646 0409

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at *www.usps.com®*.

EATON, CO 80615 OFFICIAL USE

Certified Mail Fee	$3.45
Extra Services & Fees (check box, add fee as appropriate)	$3.75
☐ Return Receipt (hardcopy)	$0.00
☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$0.00
Postage	$0.71
Total Postage and Fees	$6.91

USPS 0197 40 Postmark Here SEP 26 2018 EATON CO 80615

09/26/2018

Sent To: LARIMER AND WELD IRRIGATION
Street: CO
PO BOX 206
City, State: EATON, CO 80615

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

LARIMER AND WELD IRRIGATION
CO
~~PO BOX 206~~ 106 Elm
EATON, CO 80615

9590 9402 1272 5246 6364 64

2. Article Number (Transfer from service label)
7017 1000 0000 3646 0409

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X
☐ Agent
☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery
10/9/18

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery
(over $500)

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

ALERT: USPS SERVICES ARE DISRUPTED IN SOME FLORIDA PANHANDLE AREAS IMPACTED BY HURRICANE MI...

USPS Tracking®

FAQs > (https://www.usps.com/faqs/uspstracking-faqs.htm)

Track Another Package +

Tracking Number: 70170190000061178404

Remove ×

This is a reminder to arrange for redelivery of your item before October 15, 2018 or your item will be returned on October 16, 2018. You may arrange redelivery by using the Schedule a Redelivery feature on this page or may pick up the item at the Post Office indicated on the notice.

Delivery Attempt: Action Needed

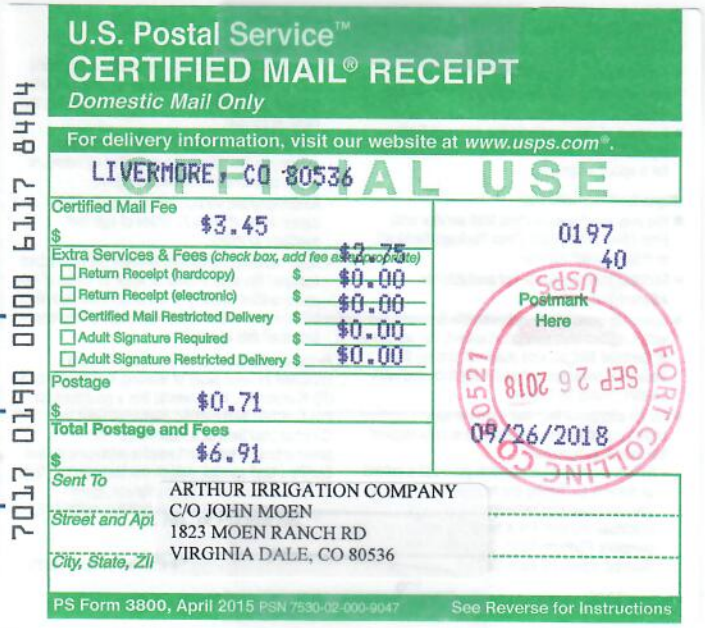
Reminder to Schedule Redelivery of your item before October 15, 2018

Schedule Redelivery ⌄

Text & Email Updates

Schedule Redelivery

Tracking History



Reminder to Schedule Redelivery of your item before October 15, 2018
This is a reminder to arrange for redelivery of your item before October 15, 2018 or your item will be returned on October 16, 2018. You may arrange redelivery by using the Schedule a Redelivery feature on this page or may pick up the item at the Post Office indicated on the notice.

October 1, 2018
In Transit to Next Facility

October 1, 2018, 11:12 am
Notice Left (No Authorized Recipient Available)
LIVERMORE, CO 80536

September 28, 2018, 6:49 pm
Departed USPS Regional Facility
DENVER CO DISTRIBUTION CENTER

ALERT: USPS SERVICES ARE DISRUPTED IN SOME FLORIDA PANHANDLE AREAS IMPACTED BY HURRICANE MI...

USPS Tracking®

FAQs > (https://www.usps.com/faqs/uspstracking-faqs.htm)

Track Another Package +

Tracking Number: 70171000000036460478

Remove ×

This is a reminder to arrange for redelivery of your item before October 18, 2018 or your item will be returned on October 19, 2018. You may arrange redelivery by using the Schedule a Redelivery feature on this page or may pick up the item at the Post Office indicated on the notice.

Delivery Attempt: Action Needed

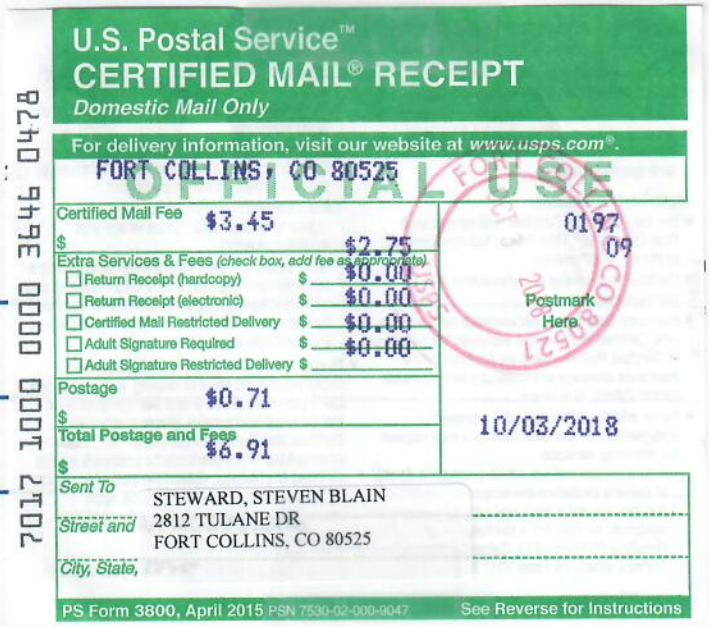
Reminder to Schedule Redelivery of your item before October 18, :

Schedule Redelivery ⌄

Text & Email Updates

Schedule Redelivery

Tracking History



Reminder to Schedule Redelivery of your item before October 18, 2018
This is a reminder to arrange for redelivery of your item before October 18, 2018 or your item will be returned on October 19, 2018. You may arrange redelivery by using the Schedule a Redelivery feature on this page or may pick up the item at the Post Office indicated on the notice.

October 4, 2018, 4:20 pm
Notice Left (No Authorized Recipient Available)
FORT COLLINS, CO 80525

October 4, 2018
In Transit to Next Facility

October 3, 2018, 3:02 pm
USPS in possession of item
FORT COLLINS, CO 80521

ALERT: USPS SERVICES ARE DISRUPTED IN SOME FLORIDA PANHANDLE AREAS IMPACTED BY HURRICANE MI...

USPS Tracking®

FAQs > (https://www.usps.com/faqs/uspstracking-faqs.htm)

Track Another Package +

Tracking Number: 70171000000036460454

Remove ×

Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.

In-Transit

September 29, 2018
In Transit to Next Facility

Get Updates

Text & Email Updates

Tracking History

September 29, 2018
In Transit to Next Facility
Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.

September 29, 2018, 9:27 am
Delivery Attempted - No Access to Delivery Location
FORT COLLINS, CO 80528

September 27, 2018, 3:00 pm
Departed USPS Regional Facility
DENVER CO DISTRIBUTION CENTER

September 27, 2018, 12:13 am
Arrived at USPS Regional Facility
DENVER CO DISTRIBUTION CENTER

September 26, 2018, 8:29 pm
Departed Post Office
FORT COLLINS, CO 80521

Feedback

ALERT: USPS SERVICES ARE DISRUPTED IN SOME FLORIDA PANHANDLE AREAS IMPACTED BY HURRICANE MI...

USPS Tracking®

FAQs > (https://www.usps.com/faqs/uspstracking-faqs.htm)

Track Another Package +

Tracking Number: 70171000000036460416

Remove ×

Your item arrived at the FORT COLLINS, CO 80521 post office at 11:04 am on October 11, 2018 and is ready for pickup.

Available for Pickup

October 11, 2018 at 11:04 am
Available for Pickup
FORT COLLINS, CO 80521

Get Updates ⌄

Text & Email Updates ⌄

Tracking History ⌃

October 11, 2018, 11:04 am
Available for Pickup
FORT COLLINS, CO 80521
Your item arrived at the FORT COLLINS, CO 80521 post office at 11:04 am on October 11, 2018 and is ready for pickup.

Reminder to Schedule Redelivery of your item

September 28, 2018, 3:15 pm
Notice Left (No Authorized Recipient Available)
FORT COLLINS, CO 80525

September 28, 2018, 9:27 am
Out for Delivery
FORT COLLINS, CO 80524

September 28, 2018, 9:17 am
Sorting Complete

Feedback

ALERT: USPS SERVICES ARE DISRUPTED IN SOME FLORIDA PANHANDLE AREAS IMPACTED BY HURRICANE MI...

USPS Tracking®

FAQs > (https://www.usps.com/faqs/uspstracking-faqs.htm)

Track Another Package +

Tracking Number: 70171000000036460393

Remove ×

Your item arrived at the FORT COLLINS, CO 80521 post office at 11:43 am on October 12, 2018 and is ready for pickup.

Available for Pickup

October 12, 2018 at 11:43 am
Available for Pickup
FORT COLLINS, CO 80521

Get Updates

Text & Email Updates

Tracking History

October 12, 2018, 11:43 am
Available for Pickup
FORT COLLINS, CO 80521
Your item arrived at the FORT COLLINS, CO 80521 post office at 11:43 am on October 12, 2018 and is ready for pickup.

October 5, 2018, 2:43 pm
Notice Left (No Authorized Recipient Available)
FORT COLLINS, CO 80521

Reminder to Schedule Redelivery of your item

October 3, 2018, 1:28 pm
Available for Pickup
FORT COLLINS, CO 80522

September 29, 2018, 2:09 pm
Notice Left (No Authorized Recipient Available)

Feedback

ALERT: USPS SERVICES ARE DISRUPTED IN SOME FLORIDA PANHANDLE AREAS IMPACTED BY HURRICANE MI...

USPS Tracking®

FAQs > (https://www.usps.com/faqs/uspstracking-faqs.htm)

Track Another Package +

Tracking Number: 70171000000036460386

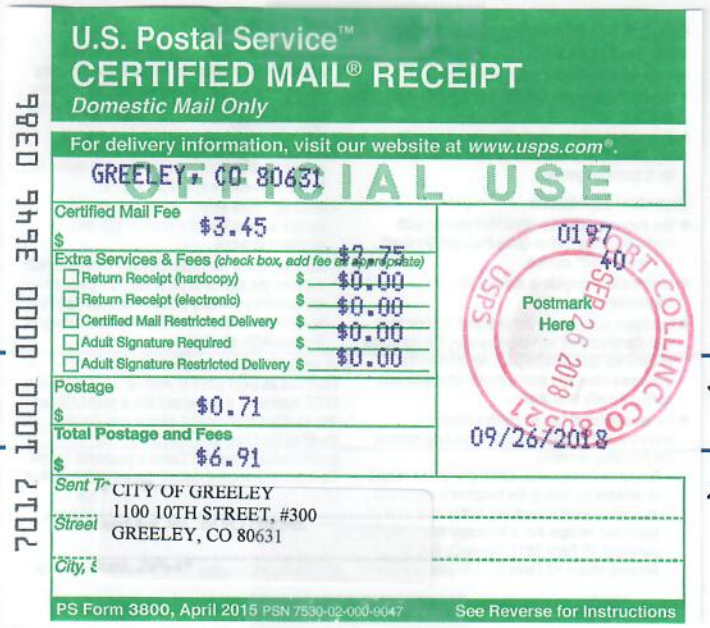
Remove ×

Your item was delivered to the front desk or reception area at 10:30 am on October 9, 2018 in GREELEY, CO 80631.

Delivered

October 9, 2018 at 10:30 am
Delivered, Front Desk/Reception
GREELEY, CO 80631

Get Updates


U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only
For delivery information, visit our website at www.usps.com®.
GREELEY, CO 80631
OFFICIAL USE
Certified Mail Fee $3.45
Extra Services & Fees (check box, add fee as appropriate)
Return Receipt (hardcopy) $0.00
Return Receipt (electronic) $0.00
Certified Mail Restricted Delivery $0.00
Adult Signature Required $0.00
Adult Signature Restricted Delivery $
Postage $0.71
Total Postage and Fees $6.91
Postmark Here
09/26/2018
CITY OF GREELEY
1100 10TH STREET, #300
GREELEY, CO 80631
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions
7017 1000 0000 3646 0386

Text & Email Updates

Tracking History

October 9, 2018, 10:30 am
Delivered, Front Desk/Reception
GREELEY, CO 80631
Your item was delivered to the front desk or reception area at 10:30 am on October 9, 2018 in GREELEY, CO 80631.

October 8, 2018
In Transit to Next Facility

October 5, 2018, 12:51 pm
Arrived at USPS Regional Facility
DENVER CO DISTRIBUTION CENTER

October 3, 2018, 7:58 pm
Departed USPS Regional Facility
COLORADO SPRINGS CO DISTRIBUTION CENTER

October 3, 2018, 5:38 pm
Arrived at USPS Regional Facility
COLORADO SPRINGS CO DISTRIBUTION CENTER

Feedback

ALERT: USPS SERVICES ARE DISRUPTED IN SOME FLORIDA PANHANDLE AREAS IMPACTED BY HURRICANE MI...

USPS Tracking®

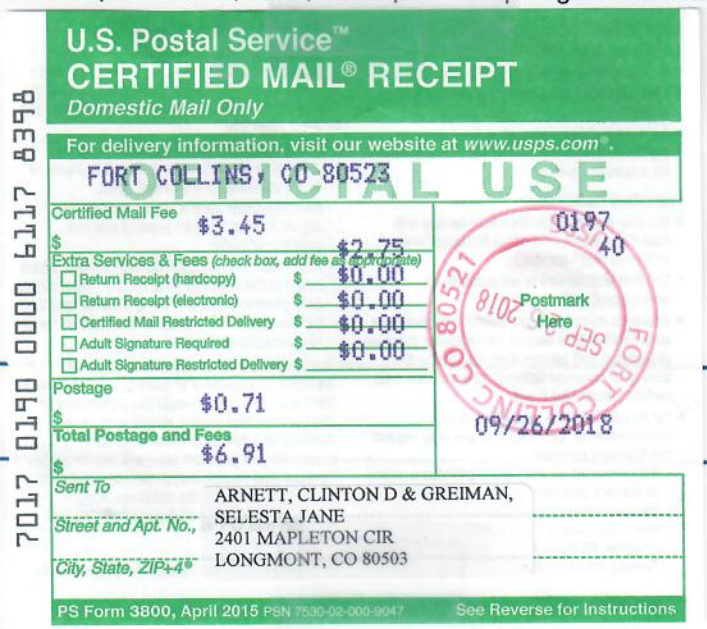
FAQs > (https://www.usps.com/faqs/uspstracking-faqs.htm)

Track Another Package +

Tracking Number: 70170190000061178398

Remove ×

The delivery status of your item has not been updated as of September 29, 2018, 11:38 pm. We apologize that it may arrive later than expected.


U.S. Postal Service™
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FORT COLLINS, CO 80523

OFFICIAL USE

Certified Mail Fee $3.45

Extra Services & Fees (check box, add fee as appropriate)
- Return Receipt (hardcopy) $0.00
- Return Receipt (electronic) $0.00
- Certified Mail Restricted Delivery $0.00
- Adult Signature Required $0.00
- Adult Signature Restricted Delivery $

Postage $0.71

Total Postage and Fees $6.91

Postmark Here
SEP 26 2018
FORT COLLINS CO 80521
0197
40
09/26/2018

Sent To: ARNETT, CLINTON D & GREIMAN, SELESTA JANE
Street and Apt. No.: 2401 MAPLETON CIR
City, State, ZIP+4®: LONGMONT, CO 80503

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7017 0190 0000 6117 8398

Alert

September 29, 2018 at 11:38 pm
Awaiting Delivery Scan

Get Updates

Text & Email Updates

Tracking History

September 29, 2018, 11:38 pm
Awaiting Delivery Scan
The delivery status of your item has not been updated as of September 29, 2018, 11:38 pm. We apologize that it may arrive later than expected.

September 29, 2018, 9:38 am
Out for Delivery
LONGMONT, CO 80503

September 29, 2018, 9:28 am
Sorting Complete
LONGMONT, CO 80503

September 29, 2018, 5:32 am
Arrived at Unit
LONGMONT, CO 80501

September 28, 2018, 3:33 pm
Departed USPS Regional Facility
DENVER CO DISTRIBUTION CENTER

Feedback