

MINE CONTACT REPORT FORM

Date of Call: _____ **Date of E-mail:** 6/18 and 22/26
Telephone call to: _____ **DENR Employee Contacted:** Eric Holm
Operator Contacted: Teresa Fox
Company: _____
Telephone: _____
Staff Signature: _____ \S/

From: Teresa Fox <hillshistory1876@gmail.com>
 Sent: Monday, June 22, 2026 3:38 PM
 To: Holm, Eric <Eric.Holm@state.sd.us>
 Subject: [EXT] Iron Creek Placer Permit 477

Iron Creek Placer Mine Permit 477

Clarification and correction to previously submitted calculation:

Refer to updated drawing as shown for ARSD 74:29:03:03(5):

Updated containment calculations:

- 11x51x3.5 ft excavation: containing vat and contents 1,963.5 cu ft
 - 10x10x6 ft Existing pit: 600 cu ft
 - 3x2x30 ft Ditch: 180 cu ft
- Total: 2,743.5 cu ft x 7.48 cu ft to gallon (approx. 20,521 gallons), which safely exceeds the 18,675-gallon vat capacity.

Based on that calculation, an instantaneous and catastrophic failure of the vat would result in spillage into the excavation, pit and ditch to contain the capacity of the vat.

Reclamation of the mine pit will be performed to original contours to maintain water capacity in accordance with approved reclamation plan for Mine Permit 477. The ditch and 2-foot berm will also prevent erosion into Iron Creek regarding ARSD 74:29:02:11(9). Reclamation of the excavation, ditch, south pit and berm will not be performed until mining is completed and will be in accordance with approved reclamation plan for Mine Permit 477.

Please find attached proof of filing: Lawrence County Register of Deeds.

From: Holm, Eric <Eric.Holm@state.sd.us>
Sent: Monday, June 22, 2026 11:27 AM
To: Teresa Fox <hillshistory1876@gmail.com>
Cc: Hudson, Roberta <Roberta.Hudson@state.sd.us>; Holm, Eric <Eric.Holm@state.sd.us>
Subject: RE: [EXT] Mine permit 477

At this point, an email copy will work.

From: Teresa Fox <hillshistory1876@gmail.com>
Sent: Monday, June 22, 2026 11:22 AM
To: Holm, Eric <Eric.Holm@state.sd.us>
Cc: Hudson, Roberta <Roberta.Hudson@state.sd.us>
Subject: Re: [EXT] Mine permit 477

Eric Holm,

You are correct and thank you for suggestions:

Corrected pages will be filed with Lawrence County Register of Deeds and a hard copy mailed to your office.

Is an emailed copy sufficient to submit for approval?

Best regards,
Teresa Fox

On Mon, Jun 22, 2026 at 9:10 AM Holm, Eric <Eric.Holm@state.sd.us> wrote:

I apologize for not responding to your call last week since I was out doing mine inspections. The plan you propose below is acceptable, but please submit a map showing the location of the excavation, and creek side ditch. Also, recheck your calculations, since there is a typo in the vat dimensions (should be 10 x 50 x 5 instead of 10 x 10 x 5). In addition, since the length and width of the excavation is the same as the vat, wouldn't the length and width of the excavation needs to be at least slightly larger for the vat to be placed into the excavation? This would also provide more space to capture water from a catastrophic failure of the vat.

From: Teresa Fox <hillshistory1876@gmail.com>

Sent: Thursday, June 18, 2026 9:55 AM

To: Holm, Eric <Eric.Holm@state.sd.us>

Subject: [EXT] Mine permit 477

Calculations for ditch and pit containment of vat contents (as specified in recent correspondence) in case of catastrophic failure have led me to the conclusion that I would like you to respond as to whether this is a more workable solution.

I am proposing that the vat as illustrated be disassembled and a 10 by 50 feet excavation to a depth of 3.5 feet be performed before reassembling the vat lined with a pool liner within that excavation.

Clarification and correction to previously submitted calculation:

Refer to drawing as shown for ARSD 74:29:03:03(5):

10x50x3.5 excavation equals 1750 cubic feet

10x10x6 existing (south) pit equals 600 cubic feet

Ditch 3x2x30 (creekside) equals 180 cubic feet

Volume conversion to gallons: 2530 x 7.47 equals 18,899 gallons

Vat capacity 10x10x5 equals 18,675 gallons

Based on that calculation, an instantaneous and catastrophic failure of the vat would result in spillage into the excavation, pit and ditch to contain the capacity of the vat.

Reclamation of the mine pit will be performed to original contours to maintain existing water capacity in accordance with approved reclamation plan for Mine Permit 477. The ditch and 2-foot berm will also prevent erosion into Iron Creek regarding ARSD 74:29:02:11(9).

Reclamation of the excavation, ditch, south pit and berm will not be performed until mining is complete and will be in accordance with approved reclamation plan for Mine Permit 477.

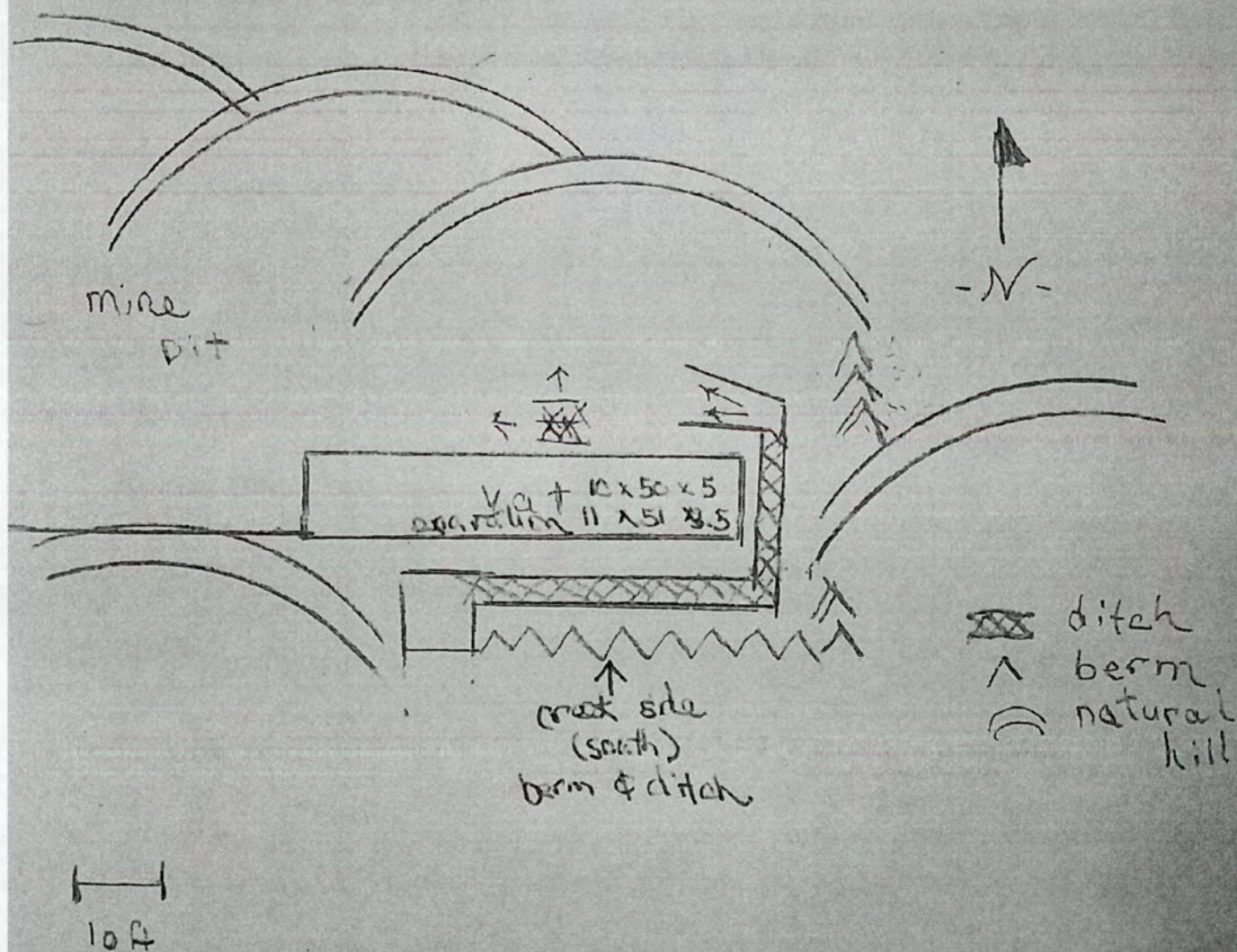
The above changes would be filed with Lawrence County Register of Deeds.

Please let me know if any additional measures need to be taken.

Teresa Fox
605-639-5642

ARSD 74:29:03:03(5) Please find attached a map showing the location of the ditch that will direct spillage from the vat, the pit spillage will be directed to, and the other trenches or berms to be constructed to divert spillage away from Iron Creek.

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MINERALS & MINING PROGRAM

45-6B-15. Copy of application filed with department and register of deeds--Public inspection.

Upon the filing of an application for a mining permit with the Board of Minerals and Environment, the applicant shall place a copy of such application for public inspection at the office of the Department of Agriculture and Natural Resources and at the office of the register of deeds of the county in which the affected land is located. The copy of the application placed at the office of the register of deeds need not be recorded, except at the request of the applicant. Such copy shall be retained there until the application has been approved or denied by the board, and such application shall be available for public inspection. At the end of such period, the copy may be reclaimed or destroyed by the applicant unless it is recorded. Confidential information exempted by § 45-6B-19 shall be deleted by the applicant from all copies available for public inspection.

Contact Information

Name:

Teresa Fox

Address:

110 7th St Whitecourt SD 57733

Phone #:

605 639 542

General Description:

Amended Mine Permit 497 all pages

Received by:

Keri Podoll, deputy

Lawrence County Register of Deeds Office

Date:

June 22, 2026



Register of Deeds • 90 Sherman Street • Deadwood, South Dakota 57732 • 605-578-3930

