GREEN LAKE COUNTY

571 County Road A, Green Lake, WI 54941

Original Post Date: November 9th, 2026

Amended Post Date:

The following documents are included in the packet for the Highway & Highway AdHoc Committee Meeting on November 11th, 2026:

1) Agenda

2) Minutes: 10/14/2026

3) Discussion and Possible action regarding Kevin Eichmann Sign Request

4) Facility Update

5) Commissioner's Report

GREEN LAKE COUNTY
OFFICE OF THE COUNTY CLERK

Samantha Stobbe
County Clerk

Office: 920-294-4005
FAX: 920-294-4009

Highway & Highway AdHoc Joint Committee Meeting

Date: November 11th, 2026 Time: 3:00 PM
Green Lake County Government Center
571 County Road A, Green Lake, WI 54941

AGENDA

Committee Members

Dennis Mulder - Chair
Chuck Buss – Vice Chair
Don Lenz
Harley Reabe
Charlie Wielgosh

AdHoc Highway Committee Members

Dave Abendroth
Vacant

Samantha Stobbe, Secretary

This agenda gives notice of a meeting of the Highway Committee. It is possible that individual members of other governing bodies of Green Lake County government may attend this meeting for informative purposes. Members of the Green Lake County Board of Supervisors or its committees may be present for informative purposes but will not take any formal action. A majority or a negative quorum of the members of the Green Lake County Board of Supervisors and/or any of its committees may be present at this meeting. See State ex rel. Badke v. Vill. Bd. of Vill. of Greendale, 173 Wis.2d 553, 578, 494 N.W. 2d 408 (1993).

1. Call to Order
2. Certification of Open Meeting Law
3. Pledge of Allegiance
4. Approval of Minutes: 10/14/2026
5. Public Comment (3 minute limit)
6. Bid Approval for Shop Shelving and Storage
7. Discussion and Possible action regarding Kevin Eichmann Sign Request
8. Highway Facility Update
9. Financial report
10. Commissioner's report
11. Committee Discussion
    - Future Meeting Dates: December 9, 2026
    - Future Agenda Items for Action & Discussion
12. Adjourn

Microsoft Teams meeting
Join Meeting Now
Meeting ID: 234 446 176 917 0
Passcode: YG2hF7ng
Need help? | System reference
Dial in by phone
+1 920-515-0745,,613047929# United States, Appleton
Find a local number
Phone conference ID: 613 047 929#
For organizers: Meeting options | Reset dial-in PIN
Please accept at your earliest convenience. Thank you!
Org help | Privacy and security

Please note: Meeting area is accessible to the physically disabled. Anyone planning to attend who needs visual or audio assistance, should contact the County Clerk's Office, 294-4005, not later than 3 days before date of the meeting.

HIGHWAY & HIGHWAY ADHOC JOINT COMMITTEE MEETING
October 14, 2026

The regular meeting of the Highway Committee was called to order by Chair Dennis Mulder at 3:00 PM on Wednesday, October 14, 2026 at the Green Lake County Government Center, Green Lake, WI. The requirements of the open meeting law were certified as being met. The Pledge of Allegiance was recited.

Present: Dennis Mulder
Chuck Buss
Dave Abendroth
Harley Reabe
Charlie Wielgosh

Absent: Don Lenz

Other County Employees Present: Samantha Stobbe, County Clerk; Derek Mashuda, Highway Commissioner; County Manager, Jason Jerome; Jeff Mann, Corporation Counsel

MINUTES
Motion/second (Buss/Wielgosh) to approve the minutes of the 09/09/2026 meeting as read with no errors or corrections. Motion carried with no negative vote.

PUBLIC COMMENT - none

DEER PICK UP
Highway Commissioner, Derek Mashuda, updated the committee on the current deer pick up procedure.

FACILITY UPDATE
Highway Commissioner, Derek Mashuda, highlighted the progress on the new highway building. Derek also explained the change orders that were included in the packet. Discussion held on the possibility of a ribbon cutting at the new building upon completion.

RAILROAD CONSORTIUM
Chair Dennis Mulder stated there was no meeting this month so there was nothing to report.

FINANCIAL UPDATE
Financials were provided in the packet.

COMMISSIONER'S REPORT
Mashuda updated the committee on current fuel prices and what the department is saving with a locked in rate. Mashuda also gave an update on Personnel at the highway department and updated the committee on participating in a training in Waushara County next week. Discussion held.

COMMITTEE DISCUSSION
Future meeting date: Regular meeting – November 11, 2026 @ 3:00 PM
Future agenda items:

ADJOURNMENT
The meeting adjourned at 3:32PM.

Submitted by,
Samantha Stobbe
County Clerk

DRAFT


DEAF
PERSON
AREA
Trillium Hill Farm
N8230
Forest Ridge Rd
Forest Ridge Rd
Willard Rd
Willard Rd
Willard Rd
Willard Rd
F
F
F
F
AA
AA
AA

Form detail

#32: Weekly Site Visit Report

Forms

Location	Princeton WI
Form date	Nov 2, 2026
Template	Weekly Site Visit Report
Description	Weekly Report
Due date	
Submitted by	Eric Nett
Submitter's company	Excel Engineering
Status	Closed
Last update	Nov 2, 2026, 4:45 PM CST
Last updated by	Eric Nett
Included references	Assets | Files | Forms | Issues | Photos | File Packages | Sheets | Submittals | RFIs | PCOs | Schedule Activities

Supporting information

Excel Weekly Site Report

1. Safety / Use Of Site

1.1 Safety Issues
-None

1.2 Site Use
-None

2. RFI / Submittals

2.1 RFI Status
-None

2.2 Submittal Status
-None

3. General Contractor Progress

3.1 Demolition Progress
-None

3.2 Rough Carpentry & Walls Progress
-None

3.3 Structural & Foundation Progress
Building G:
-50% of roof trusses being installed.

Photos (2)



20261102_110059_3_Photo
Taken on Nov 2, 2026, 11:00 AM CST
Added on Nov 2, 2026, 11:01 AM CST
Added by Eric Nett



20261102_110048_2_Photo
Taken on Nov 2, 2026, 11:00 AM CST
Added on Nov 2, 2026, 11:01 AM CST
Added by Eric Nett

3.4 Exterior & Roof Progress
-Contractor onsite patching all precast for exteriors of buildings.

4. Subcontractor Progress

4.1 Electrical Progress

Main Transformer up and running. Energizing Main Building.

Building F:
-Currently finishing up the last of the Electrical hook-ups.

4.2 HVAC Progress

-Most duct and unit heaters are installed.
-Other HVAC rough ins are ongoing including pipe labeling and insulating.

4.3 Plumbing Progress

-Plumbing is currently being insulated and labeled in various areas.

4.4 Civil Progress

-Security Fence is installed. Electricians working on automated gates.
-Entire site asphalt is completed.

Photos (6)



20261102_105045_3_Photo
Taken on Nov 2, 2026, 10:50 AM CST
Added on Nov 2, 2026, 10:51 AM CST
Added by Eric Nett



20261102_105042_2_Photo
Taken on Nov 2, 2026, 10:50 AM CST
Added on Nov 2, 2026, 10:51 AM CST
Added by Eric Nett



20261102_105040_1_Photo
Taken on Nov 2, 2026, 10:50 AM CST
Added on Nov 2, 2026, 10:51 AM CST
Added by Eric Nett



20261102_111938_3_Photo
Taken on Nov 2, 2026, 11:19 AM CST
Added on Nov 2, 2026, 11:22 AM CST
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20261102_111940_4_Photo
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20261102_111935_2_Photo
Taken on Nov 2, 2026, 11:19 AM CST
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5. Finishes

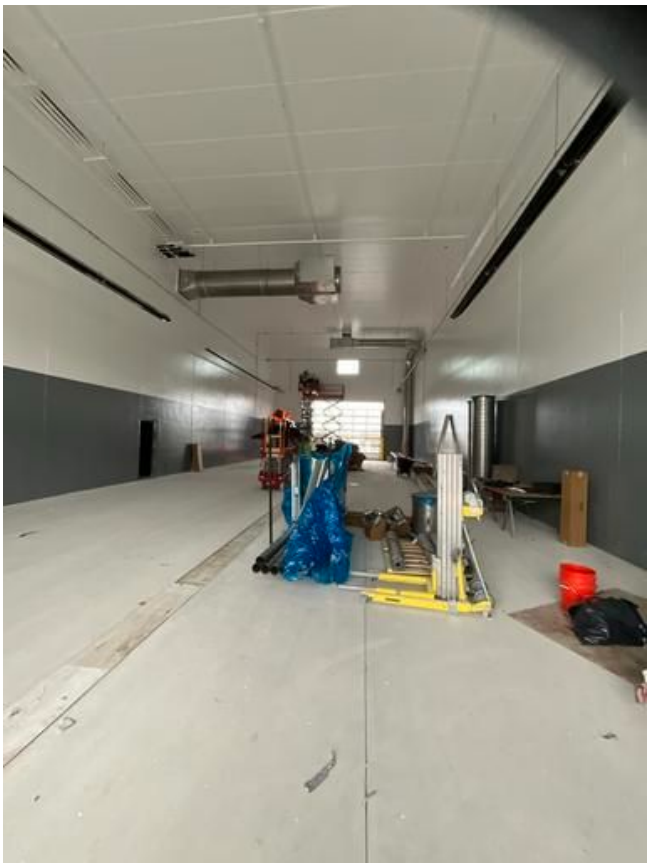
5.1 Wall Finishes
Building B:
-All wall painting has be completed.
-In progress: Yellow Stairs and Crane Safety being painted. (See Photos)

5.2 Flooring
Building A:
-Half of building A floor Epoxy has been finished. Other half has been re-grinded and re-applied Epoxy.

5.3 Doors & Windows

Building A:
-Currently starting to hang wooden doors.
Building C:
-Wash bay and Brine Rooms now have garage overhead doors installed.

Photos (3)



20261102_105650_2_Photo
Taken on Nov 2, 2026, 10:56 AM CST
Added on Nov 2, 2026, 10:57 AM CST
Added by Eric Nett



20261102_105646_1_Photo
Taken on Nov 2, 2026, 10:56 AM CST
Added on Nov 2, 2026, 10:57 AM CST
Added by Eric Nett



20261102_105544_1_Photo
Taken on Nov 2, 2026, 10:55 AM CST
Added on Nov 2, 2026, 10:56 AM CST
Added by Eric Nett

5.4 Sealant & Coatings
-None

6. Site Observations

6.1 Site Observations
Building H:
-90% Completed. (3) safety pillars to be finished, then all Yellow sleeves to be installed over pillars.
-Pumps have been installed.
Building F:
-Exterior steel underneath lean to has been painted.
-Down spouts are at a 90% finished to drains.
Entire Site:
-Landscaping has started.
-Light poles have been put up and need base concrete either sealed or painted.
(See photos for these Observations)

6.2 Site Concerns

Building C:
Wash-bay & Brine rooms: Epoxy floors need to be re-looked at for possible solutions as they will be to slippery for what these rooms are intended for. Water + Soak = Hazard.

Issues (1)			
Open	#157 - Architectural	A Observation > Architectural	Unassigned

7. Overall Progress Photos

7.1 Photos
Nov 2, 2026

Photos (40)



20261102_110845_5_Photo
Taken on Nov 2, 2026, 11:08 AM CST
Added on Nov 2, 2026, 11:09 AM CST
Added by Eric Nett



20261102_110831_3_Photo
Taken on Nov 2, 2026, 11:08 AM CST
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Added by Eric Nett



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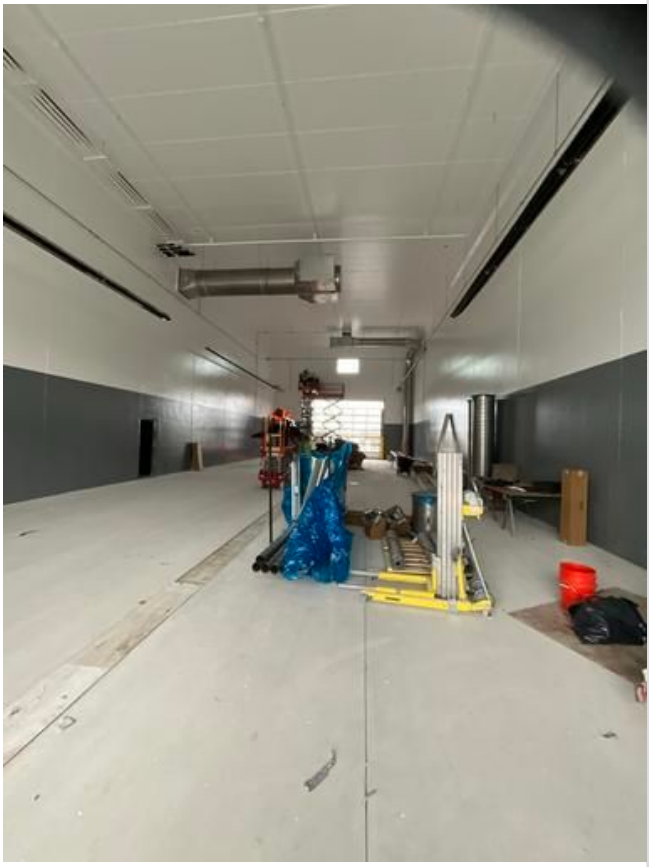
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Added by Eric Nett



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Added by Eric Nett



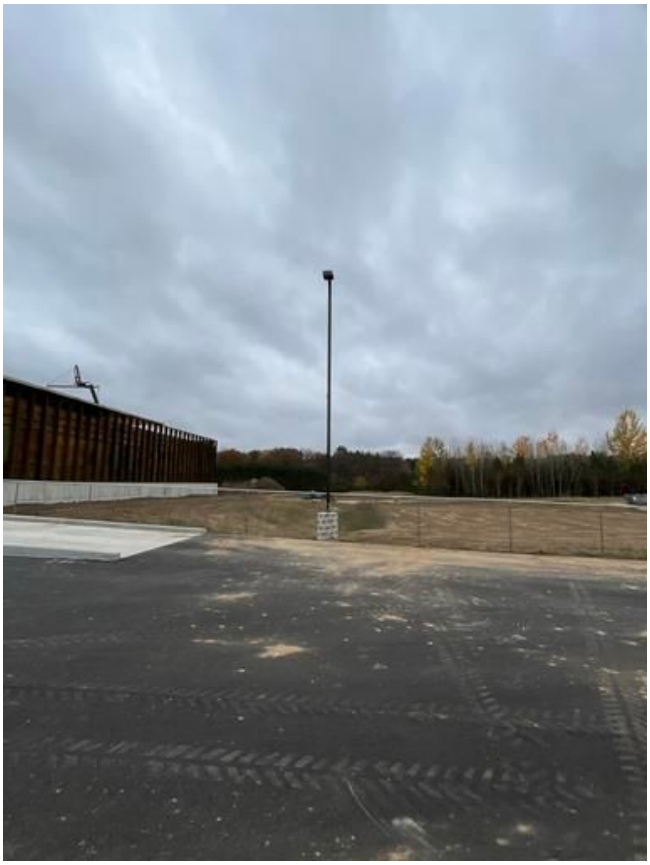
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Added by Eric Nett



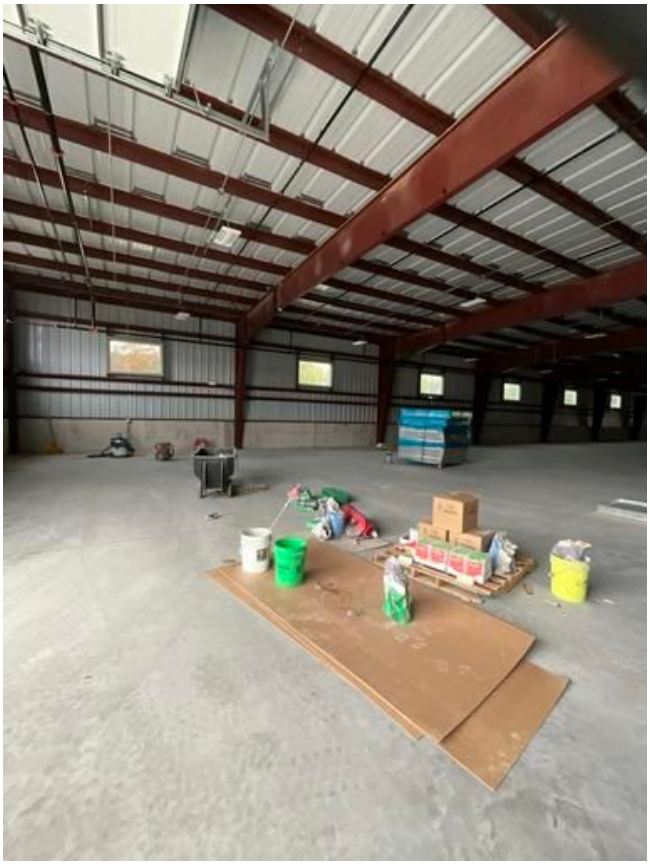
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Taken on Nov 2, 2026, 11:13 AM CST
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Added by Eric Nett



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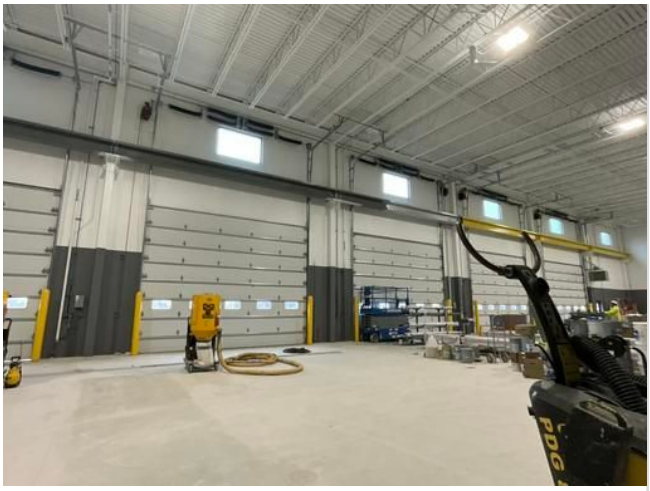
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Added by Eric Nett



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Added by Eric Nett



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Added on Nov 2, 2026, 11:08 AM CST
Added by Eric Nett

Docusign Envelope ID: 754AA518-ABAD-86D7-82DE-DD6B0EC2BE7A

Miron Building Excellence

Change Order Request

Date: 09/24/2026

To: Derek Mashuda
Green Lake County
571 County Rd A
Green Lake, WI 54941

Re: Green Lake County Highway Facility
Princeton, WI 54968
Project: 240830

Reference Document: PCI0029

Change Description: RFI102 Electric Strikes ES1 at Aluminum Entry Doors - Per the response to RFI#102, provide electric strikes ES1 at doors 100A, 100B, 100C, 100D 127 and 130.
NOTE: Corcoran has provided a credit for the ES3 spacer bar specified, as they believe the installation does not need or require the use of this product.

Contractor	Description	Amount
Corcoran Glass & Paint	ALUMINUM ENTRANCES / WINDOWS / CURTAIN WALLS	$3,948.00
	PROJECT CONTINGENCY	-$3,948.00
**** TOTAL ****		**0.00**

Impacted Calendar Days: 0

All terms of our agreement apply and preclude Miron Construction Co., Inc. from performing any extra work without approval. Please provide your approval by signing this request.

DocuSigned by:
Brian Frye
21B3F192BD5646C...

Brian Frye — **Date:** 9/25/2026
Miron Construction Co., Inc.

Signed by:
Derek Mashuda
7931FB66FA9D430...

Owner Representative — **Date:** 10/22/2026
Green Lake County

This quote expires on: 10/15/2026

Signed by:
David Vanden Avond
A29FDC798CB943E...

Engineer Representative — Date: 10/22/2026
Excel Engineering Inc

Docusign Envelope ID: 754AA518-ABAD-86D7-82DE-DD6B0EC2BE7A

CORCORAN
GLASS & PAINT

September 23, 2026
Project: Gren Lake County New Highway Facility
BP#2
Location: Princeton, WI 54968
Architect: Excel

Change Order Request 001

We propose to Furnish & Install (6) HES 9600 surface mount electric strikes for Aluminum Entrance #100A, #100B, #100C, #100D, #127E, and #130A. These were not originally included in our scope of work.

ADD (6) HES 9600 ELECTRIC STRIKES: $2,478.00
ADDITIONAL LABOR/OFFICE/PM/CLERICAL: $1,209.00
DEDUCT (6) ES3 SPACER BRACKETS: ($162.00)
PROFIT / MARK-UP @ 12% : $423.00

Total Sum: $3,948.00 Tax NOT Included

Exclusions:
-Cylinders Furnished by Others
-Electrical / Electrical Hook-up
-Final Cleaning
-Owner's Security Hardware; Final Keying

Jason Jansen
Corcoran Glass And Paint, Inc

The Proposed Sums Above Are Valid for Thirty (30) Days and Is Based on Prices of Materials and Equipment in Effect as Of the Date of This Letter and Based on The Timeline/Schedule Provided in The Bid Request. In Light of Current Market Conditions, The Proposed Sums Are Subject to Increase After The 30 Days Because Of Tariffs, Epidemics, Import Duties, Trade Policies, Or Market Conditions. If A Booking Order Is Received and The Submittal Process Runs Longer Than Thirty Days from The Issue Date, Price Review and Update Will Be Necessary.

Docusign Envelope ID: 754AA518-ABAD-86D7-82DE-DD6B0EC2BE7A

RFI #102

Miron Construction Co., Inc.
500 First St
Suite 4000
Wausau , Wisconsin 54403
Phone: (715) 841-4000
Fax: (715) 845-9119

Project: 240830 - Green Lake County Highway Facility
N4843 WI-73
Princeton, Wisconsin 54968

Access Control - Aluminum Doors

TO:	Kelly Widzinski **(Excel Engineering Inc)**	**FROM:**	Jason Jansen **(Corcoran Glass & Paint)** N1000 Craftsmen Dr Greenville, Wisconsin 54592
DATE INITIATED:	08/07/2026	**STATUS:**	Closed on 08/26/26
LOCATION:		**DUE DATE:**	08/12/2026
PROJECT STAGE:	Course of Construction	**COST CODE:**	
SUB JOB:		**SCHEDULE IMPACT:**	TBD
COST IMPACT:	TBD	**SPEC SECTION:**	08 71 00 - Hardware
DRAWING NUMBER:		**REFERENCE:**	
LINKED DRAWINGS:			
RECEIVED FROM:	Jason Jansen **(Corcoran Glass & Paint)**		

COPIES TO:
Brian Frye **(Miron Construction Co Inc)**, Jason Jansen **(Corcoran Glass & Paint)**, Brayden Kupsch **(NEXT Electric Inc)**, Bryon Litton **(Miron Construction Co Inc)**, Elliot Pieper **(Excel Engineering Inc)**

Question from Jason Jansen (Corcoran Glass & Paint) at 01:16 PM on 08/07/2026

On drawing A6.1 in the Aluminum Door Schedule/Door Hwd Sets, hwd sets 1.0, 1.1, 1.2 & 1.3 call out ES3 under Access Control. ES3 appears to be only a 1/2" spacer bracket. It appears there is no electric strike called out at doors 100A, 100B, 100C, 100D, 127 & 130. Please review and provide details for what electric strike is to be provided at these doors.

Also, in review of drawing E1.1AS at the main entrance doors (100A, 100B,100C & 100D) an electric strike "ES" is shown at both doors in each pair. With the auto operator on the right hand door (as you enter) is there a need for an electric strike on doors 100B & 100D? Please review and confirm which doors of the (4) are to receive electric strikes.

Official Response: **Kelly Widzinski (Excel Engineering Inc)** *responded on Wednesday, August 26th, 2026 at 2:32PM CDT*
Updated response for RFI 102.

Attachments:
RFI 102 Access Control - Aluminum Doors.pdf

Official Response: **Brian Frye (Miron Construction Co Inc)** *responded on Wednesday, August 26th, 2026 at 1:50PM CDT*
The initial response to this RFI only answers a portion of the RFI. The unanswered question is "On drawing A6.1 in the Aluminum Door Schedule/Door Hwd Sets, hwd sets 1.0, 1.1, 1.2 & 1.3 call out ES3 under Access Control. ES3 appears to be only a 1/2" spacer bracket. It appears there is no electric strike called out at doors 100A, 100B, 100C, 100D, 127 & 130. Please review and provide details for what electric strike is to be provided at these doors."

Attachments:

Official Response: **Kelly Widzinski (Excel Engineering Inc)** *responded on Tuesday, August 25th, 2026 at 5:30PM CDT*
RFI 102 has been reviewed and posted. Excel Response on Next Page

Attachments:
RFI 102 Access Control - Aluminum Doors.pdf

BY **DATE** **COPIES TO**

Docusign Envelope ID: 754AA518-ABAD-86D7-82DE-DD6B0EC2BE7A

Miron Construction Co., Inc.
500 First St
Suite 4000
Wausau , Wisconsin 54403
P: (715) 841-4000
F: (715) 845-9119

Project: 240830 Green Lake County Highway Facility
N4843 WI-73
Princeton, Wisconsin 54968

RFI #102: Access Control - Aluminum Doors

Revision	0	**Status**	Open
To	Kelly Widzinski (Excel Engineering Inc)	**From**	Jason Jansen (Corcoran Glass & Paint) N1000 Craftsmen Dr Greenville, Wisconsin 54592
Date Initiated	Aug 7, 2026	**Due Date**	Aug 12, 2026
Location		**Project Stage**	Course of Construction
Cost Impact	TBD	**Schedule Impact**	TBD
Spec Section	08 71 00 - Hardware	**Cost Code**	
Drawing Number		**Reference**	
Linked Drawings			
Received From	Jason Jansen (Corcoran Glass & Paint)		
Copies To	Brian Frye (Miron Construction Co Inc), Brayden Kupsch (NEXT Electric Inc), Bryon Litton (Miron Construction Co Inc), Elliot Pieper (Excel Engineering Inc)		

ADDITIONAL FIELDS

AE/Owner Form No

Activity

Question

Question from Jason Jansen Corcoran Glass & Paint *on Friday, Aug 7, 2026 at 01:16 PM CDT*

On drawing A6.1 in the Aluminum Door Schedule/Door Hwd Sets, hwd sets 1.0, 1.1, 1.2 & 1.3 call out ES3 under Access Control. ES3 appears to be only a 1/2" spacer bracket. It appears there is no electric strike called out at doors 100A, 100B, 100C, 100D, 127 & 130. Please review and provide details for what electric strike is to be provided at these doors.

Also, in review of drawing E1.1AS at the main entrance doors (100A, 100B,100C & 100D) an electric strike "ES" is shown at both doors in each pair. With the auto operator on the right hand door (as you enter) is there a need for an electric strike on doors 100B & 100D? Please review and confirm which doors of the (4) are to receive electric strikes.

Awaiting an Official Response

The intent is for all doors (100A, 100B,100C, 100D, 127, and 130) to have electric strikes as shown on sheet E1.1AS with a 1/2" spacer block per A6.0

ES1	ELECT STRIKE AT RIM EXIT DEVICE (630)	6300 (12VDC)	9500/9600 Series (12VDC)	N/A

Docusign Envelope ID: AA077ED6-E76A-81B6-80B3-5894781985CF

Change Order Request

Date: 10/14/2026

To: Derek Mashuda
Green Lake County
571 County Rd A
Green Lake, WI 54941

Re: Green Lake County Highway Facility
Princeton, WI 54968
Project: 240830

Reference Document: PCI0030

Change Description: RFI097 Add Air Piping - Per Owner request and coordination (documented in RFI#97) with Walt's Petro for the bulk fluids installation, remove drops in Bulk Fluids 138 to the point detailed and add 1 1/2-inch ball valve and add a 3/4-inch drop in Repair Bay 142 along the west wall, for the air drive pump. See RFI back-up and Hooper back-up attached to this PCI for further details.

Contractor	Description	Amount
Hooper Corporation	PLUMBING	$549.00
	PROJECT CONTINGENCY	-$549.00
**** TOTAL ****		**0.00**

Impacted Calendar Days: 0

All terms of our agreement apply and preclude Miron Construction Co., Inc. from performing any extra work without approval. Please provide your approval by signing this request.

DocuSigned by:
Brian Frye
21B3F192BD5040C...

10/20/2026

Brian Frye — **Date:**
Miron Construction Co., Inc.

Signed by:
Derek Mashuda
7931FB66FA9D430...

10/22/2026

Owner Representative — **Date:**
Green Lake County

This quote expires on: 11/05/2026

Signed by:
David Vanden Avond
A29FDC798CB943E...

10/21/2026

Engineer Representative — Date:
Excel Engineering Inc

Docusign Envelope ID: AA077ED6-E76A-81B6-80B3-5894781985CF

HOOPER

CHANGE ESTIMATE SUMMARY

PROJECT NAME	Green Lake County Highway Facility
OWNERS PROJECT NUMBER	5/14/2559
HOOPER JOB NUMBER	26112008
DATE	7/17/2026
CB OR CHANGE NUMBER	RFI # 97
DESCRIPTION	RFI #97 - Compressed Air Lines Revisions for Bulk Fluids and Oil Dump Station

MATERIAL

MATERIAL COST(PER ATTACHED)		$ 273.23
FREIGHT		$ 13.66
SALES TAX 0.0%		$ -
	TOTAL MATERIAL	**$ 286.89**

LABOR

	HOURS	RATE	AMOUNT
GENERAL FOREMAN	0.00	$0.00	$ -
FOREMAN	1.40	$136.02	$ 190.43
JOURNEYMAN	0.00	$127.94	$ -
APPRENTICE	0.00	$118.64	$ -
MAT'L HANDLER	0.00	$79.72	$ -
OPERATOR	0.00	$113.24	$ -
FAB SHOP OVERHEAD	0.00	$30.00	$ -
	TOTAL LABOR		**$ 190.43**

EQUIPMENT

	HOURS	RATE	AMOUNT
PICKUP TRUCK 3/4T 4X4	0	$29.65	$ -
PIPE THREADER W/MANUAL OILER 1/8"-2"	0	$10.34	$ -
GAS WELDER 300 AMP	0	$18.29	$ -
FLATBED TRUCK 2T 4X2	0	$42.21	$ -
	TOTAL RENTALS		**$ -**

SUBTOTAL (MATERIAL, LABOR, EQUIPMENT COSTS)	**SUBTOTAL**		**$ 477**
OVERHEAD AND PROFIT AT	15.0%	PERCENT	**$ 71.60**

SUBCONTRACTS

		$ -
		$ -
		$ -
	(Carried forward from Summary Sheet)	$ -
TOTAL SUBCONTRACT PLUS	7.0% PERCENT	**$ -**

BOND @	0.0%	PERCENT	**$ -**

TOTAL CONSTRUCTION BULLETIN COST	**TOTAL**	**$ 549**

Docusign Envelope ID: AA077ED6-E76A-81B6-80B3-5894781985CF

HOOPER

PIPE & FITTING TAKEOFF

Hooper Corporation
6450 Pederson Crossing Blvd.
DeForest, WI 53532

PROJECT: Green Lake County Highway Facility
HOOPER JOB #: 26112008
CB or CO #: RFI # 97
CB or CO DESCRIPTION: RFI #97 - Compressed Air Lines Revisions for Bulk Fluids and Oil Dump Station

Material Group	Qty	Size	Description	Unit Price	Total Price	Unit Labor	Total Labor
Aluminum Alloy Body Valves	1	3/4	AIRPIPE Quick Connect Valve	$ -	$ -	0.00	0.00
Aluminum Alloy Body Valves	1	1 1/2	AIRPIPE Male Threaded Quick Connect Valve	$ 152.63	$ 152.63	0.80	0.80
Aluminum Alloy Body Fittings	2	3/4	Alluminum Equal 90 Elbow	$ -	$ -	0.00	0.00
Aluminum Alloy Body Fittings	1	1 1/2x3/4	Alluminum Quick Drop	$ -	$ -	0.00	0.00
Aluminum Powder Coated Pipe	40	3/4	20mm Blue Alluminum Pipe	$ 6.03	$ 241.20	0.03	1.20
Aluminum Alloy Body Valves	-2	3/4	AIRPIPE Quick Connect Valve	$ -	$ -	0.00	0.00
Aluminum Alloy Body Fittings	-3	3/4	Alluminum Equal 90 Elbow	$ -	$ -	0.00	0.00
Aluminum Alloy Body Fittings	-1	1 1/2x3/4	Alluminum Quick Drop	$ -	$ -	0.00	0.00
Aluminum Powder Coated Pipe	-20	3/4	20mm Blue Alluminum Pipe	$ 6.03	$ (120.60)	0.03	-0.60
TOTALS					**$ 273.23**		**1.4**

Docusign Envelope ID: AA077ED6-E76A-81B6-80B3-5894781985CF

Miron Construction Co., Inc.
500 First St
Suite 4000
Wausau , Wisconsin 54403
P: (715) 841-4000
F: (715) 845-9119

Project: 240830 Green Lake County Highway Facility
N4843 WI-73
Princeton, Wisconsin 54968

RFI #97: Air Line Adds-Revisions for Bulk Fluids

Revision	0	**Status**	Open
To	Kelly Widzinski (Excel Engineering Inc)	**From**	Brian Frye (Miron Construction Co Inc) 500 First St., Suite 4000 Wausau, Wisconsin 54403
Date Initiated	Jul 2, 2026	**Due Date**	Jul 7, 2026
Location		**Project Stage**	Course of Construction
Cost Impact	TBD	**Schedule Impact**	No
Spec Section		**Cost Code**	
Drawing Number		**Reference**	
Linked Drawings			
Received From	Brian Frye (Miron Construction Co Inc)		
Copies To	John Fox (Hooper Corporation), Bryon Litton (Miron Construction Co Inc), Derek Mashuda (Green Lake County), Dan Schultz (Hooper Corporation)		

ADDITIONAL FIELDS

AE/Owner Form	No

Activity

Question

Question from Brian Frye Miron Construction Co Inc *on Thursday, Jul 2, 2026 at 02:00 PM CDT*

The following air line additions/revisions are needs for the Owner's vendor installation at the Bulk Fluids 138 per our meeting on site on 7/2/2026.

1. Eliminate the air drops in Bulk Fluids 138 and terminate the 1 1/2' air line in Bulk Fluids as detailed on the attached drawing with a 1 1/2" ball valve. Walts will then connect their manifold and provide their drops as needed to the tanks they are providing for the Owner.
2. Add a 3/4" air line with 3/4 ball valve to approximately 5' AFF at the location of the Used Oil Dump Station as shown on the attached drawing.

NOTE: There are no electrical changes required for the Walt's installations.

Attachments
Air Line Adds-Revisions for Bulk Fluids.pdf

Awaiting an Official Response

Incorporate this change into the as built drawings. Pipe reduction and pipe addition should wash and no change order shall be submitted for this change.

REVIEWED
By chris.brueggeman at 3:16 pm, Jul 02, 2026

Docusign Envelope ID: AA077ED6-E76A-81B6-80B3-5894781985CF



NORTH

FIRST FLOOR PLAN - AREA 'B'

SCALE: 1/8" = 1'-0"

0' 8' 16'

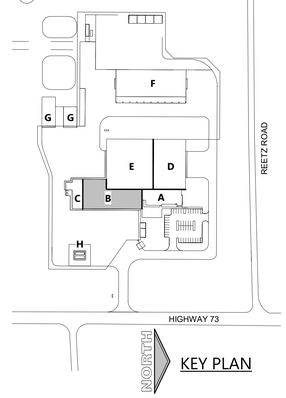
GENERAL NOTES:

- NO UNDERGROUND BUILDING DRAIN PIPING SHALL BE INSTALLED UNTIL BUILDING SEWERS ARE BROUGHT TO THE BUILDING AND INVERT ELEVATIONS VERIFIED. COSTS INCURRED FOR FAILURE TO DO SO SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
- PIPING SHALL BE CONCEALED WHEREVER POSSIBLE. WHERE NOT POSSIBLE, LOCATIONS AND ROUTING SHALL BE APPROVED BY ARCHITECT/OWNER PRIOR TO INSTALLATION.
- INSTALL CLEANOUTS AT STACKS WHICH PENETRATE THE LOWEST FLOOR LEVEL 28" AFF UNLESS NOTED OTHERWISE. IN WALLS BEHIND WATER CLOSETS, LOCATE WCO MIN. 2" ABOVE TOP OF GRAB BAR. WCO SHALL NOT INTERFERE WITH GRAB BAR MOUNTING SYSTEM.
- FLOOR AND WALL CLEANOUT LOCATIONS NOT PERMITTED TO BE MOVED WITHOUT APPROVAL OF ARCHITECT/ENGINEER.
- SEE ARCHITECTURAL A5 SHEETS FOR ADA RELATED INSTALLATION DETAILS.
- SEE STRUCTURAL S1 SHEETS FOR FLOOR DRAIN RIM ELEVATIONS.
- SLOPE ALL ST/OF PIPING AT 1/8"/FT UNLESS NOTED OTHERWISE.
- PENETRATE MASONRY WALLS PER STRUCTURAL DRAWINGS. PENETRATIONS NOT PERMITTED THROUGH MARKED GROUTED/REINFORCED MASONRY.
- SEE HVAC PLANS FOR AREAS THAT ARE USED AS A RETURN AIR PLENUM. PROVIDE PLENUM RATED CONSTRUCTION.
- INSTALL HOSE BIBBS AND DOWNSPOUT NOZZLES AT 18" AFF UNLESS NOTED OTHERWISE.

KEYNOTES:

NOT ALL KEYNOTES MAY APPEAR ON PLAN.

1. CONCRETE PAD.
2. INTAKE AND EXHAUST FLUES UP TO VENTS THRU ROOF. INSTALL PER MANUFACTURER REQUIREMENTS.
3. SEE WATER SOFTENER/HEATER PIPING DETAIL FOR CONTINUATION.
4. INSTALLATION OF PIPE IN THIS AREA SHALL BE AS TIGHT TO STRUCTURE AS POSSIBLE. SEE A3 SHEETS FOR CRANE & CRANE CLEARANCE ELEVATIONS.
5. PROVIDE STAINLESS STEEL HANGERS IN WASH BAY AND BRINE ROOM.
6. ALL PRESSURE WASHER PIPING SHALL BE DIRECTLY FASTENED TO STRUCTURE OR TRAPEZE HANGERS. USE OF RING OR CLEVIS HANGERS IS PROHIBITED. PROVIDE ANCHOR POINTS EVERY 100' AND AT EVERY CHANGE IN DIRECTION OF MAIN.
7. COLD WATER FOR FIRE PUMP STORAGE TANK MAKE UP. TERMINATE AT 48" A.F.F. WITH VALVE FOR EXTENSION BY FPC.
8. FIELD VERIFY LOCATION OF ALL COMPONENTS IN THIS ROOM INCLUDING WELL EQUIPMENT AND FIRE PUMP MAKE UP WATER WITH FPC PRIOR TO ROUGH-IN. ADJUST AS REQUIRED.
9. 3/4" AIR DROP DOWN TO 5' A.F.F. SEE AIR DROP TERMINATION DETAIL FOR MORE INFORMATION.
10. SEE VALVE BOX-1 CONNECTION DETAIL FOR MORE INFORMATION.
11. VERIFY TOP OF STRAINER AND DRAIN LOCATION WITH LIFT EQUIPMENT DRAWINGS PRIOR TO ROUGH-IN.
12. SEE DISHWASHER CONNECTION DETAIL FOR MORE INFORMATION.
13. 3/4" PW DROP - COORDINATE FINAL LOCATION WITH OWNER PRIOR TO ROUGH-IN. DROP MAY BE WITHIN 10' OF LOCATION SHOWN. SEE PRESSURE WASHER DROP DETAIL FOR MORE INFORMATION.
14. BRINE TANK FILL - PROVIDE SHUTOFF VALVE AT 7'-0" A.F.F. PROVIDE GLOBE VALVE SET TO 30 GPM AT 6'-0" A.F.F.. CONNECT TO BRINE EQUIPMENT AND REDUCE AS REQUIRED.
15. DISCHARGE EEW TO FLOOR.
16. CONNECT EEW TO SANITARY WASTE.
17. PROVIDE AIR DROP TO LIFT EQUIPMENT. PROVIDE VALVE WITHIN 2' FROM MAIN AN 48" FROM FF AND TERMINATE FOR EXTENSION FOR LIFT EQUIPMENT.



KEY PLAN

PLUMBING FIRST FLOOR PLAN - AREA 'B'

EXCEL
Always a Better Plan
100 Camelot Drive
Fond du Lac, WI 54935
920-926-9800
excelengineer.com

PROJECT INFORMATION

GREEN LAKE COUNTY HIGHWAY COMMISSION

NEW HIGHWAY FACILITY:
N4843 WI-73 • PRINCETON, WI 54968

PROFESSIONAL SEAL

SHEET DATES

ISSUED FOR CONSTRUCTION

CB1	OCT. 29, 2025
CB5	APR. 14, 2026
CB7	MAY 18, 2026

JOB NUMBER

230486600

SHEET NUMBER

P1.1B

C:\Revit Local\230486600 Plbg_Central_R25_chris.bruegger.rvt
5/18/2026 3:32:22 PM

Docusign Envelope ID: 52500C10-F2EE-89B6-802F-CABEC0A500A2

Miron Building Excellence

Change Order Request

Date: 10/15/2026

To: Derek Mashuda
Green Lake County
571 County Rd A
Green Lake, WI 54941

Re: Green Lake County Highway Facility
Princeton, WI 54968
Project: 240830

Reference Document: PCI0031

Change Description: Add Moisture Mitigation Primer at Epoxy Flooring - Due to two failed moisture tests (one by Floorcare and one by Giles (both are attached) add a moisture primer at both the Epoxy 1 & 2 areas totaling 4390 SF. Sherwin Williams requires the moisture levels to be below 3 lbs to warrant the epoxy flooring without a moisture barrier.

Contractor	Description	Amount
Floorcare USA	EPOXY FLOORING	$5,532.00
	PROJECT CONTINGENCY	-$5,532.00
**** TOTAL ****		**0.00**

Impacted Calendar Days: 0

All terms of our agreement apply and preclude Miron Construction Co., Inc. from performing any extra work without approval. Please provide your approval by signing this request.

DocuSigned by:
Brian Frye
21B3F192BD5646C...

10/20/2026

Brian Frye — **Date:**
Miron Construction Co., Inc.

Signed by:
Derek Mashuda
7931FB66FA9D430...

10/22/2026

Owner Representative — **Date:**
Green Lake County

This quote expires on: 11/06/2026

Signed by:
David Vanden Avond
A29FDC798CB943E...

10/22/2026

Engineer Representative — Date:
Excel Engineering Inc

Docusign Envelope ID: 52500C10-F2EE-89B6-802F-CABEC0A500A2

Brian Frye

From: Adam Botic <adam.botic@floorcare-usa.com>
Sent: Tuesday, September 29, 2026 10:00 AM
To: Brian Frye; Chris Schmidt
Cc: Bryon Litton; Garrett Cooper
Subject: [E] RE: 240830 Green Lake - Submittals - Floorcare
Attachments: Green Lake Highway Facility - Moisture Test - 09-28-26.pdf

CAUTION: External Email

Good Morning Brian,

We had our crew install calcium chloride moisture tests over the weekend seeing how we are looking to begin coatings this week. We wanted to give the concrete as much time as possible to setup before testing. It looks like all 4 tests are reading high and we will be required to use a moisture primer.

Sherwin Williams requires these tests to read below 3 lbs of moisture to warranty without the use of a moisture primer.
Test's 1 & 2 are in the area receiving Epoxy 1 (Epoxy/Flake Flooring) this week. Tests 3 & 4 are in the area receiving Epoxy 2 (Metallic Flooring).
Attached are the results.

Chris did include a cost for moisture primer on his proposal at $1.26 per square foot.

(Epoxy 1) $1.26 x 1,380sf = $1,739.00
(Epoxy 2) $1.26 x 3,010sf = $3,793.00
Total: $5,532.00

Do you approve the use of the moisture primer? Feel free to give me a call if you have any questions.

Thanks,

Adam Botic
Vice President of Operations

FLOORCARE USA
HIGH PERFORMANCE CONCRETE SPECIALISTS

2246 W. Bluemound Road, Suite A1
Waukesha, WI 53186

☎ Cell: 262-366-0957
☎ Office: 262-786-0770 x 112
✉ Email: adam.botic@floorcare-usa.com
💻 Website: www.floorcare-usa.com

Docusign Envelope ID: 52500C10-F2EE-89B6-802F-CABEC0A500A2

FLOORCARE USA
HIGH-PERFORMANCE CONCRETE SPECIALISTS

Miron Construction:
Tom Zahalka
1471 McMahon Drive
Neenah, WI 54956
(608) 203-2702
Tom.zahalka@miron-construction.com

Green Lake County Highway Commission:
New Highway Facility
N4843 Wisconsin 73
Princeton, WI 54968
Contract 09.66
Epoxy Flooring

Q#111825-GLHF-CS	Epoxy Flooring: 4,390 S.F.	December 16th, 2025

Step One		Step Two		Optional	Results		
Test #		Start Date And Time	Start Weight	PH Results			
1		09/25/2026 12:15	24.88		Total Time	Weight Gain	Vapor Emissions
Location		End Date And Time	End Weight	HVAC Operational	68.58	3.37	5.78
Green Lake / Epoxy 1		09/28/2026 8:50	28.25	○ Yes ○ No			

Step One		Step Two		Optional	Results		
Test #		Start Date And Time	Start Weight	PH Results			
2		09/25/2026 12:15	23.29		Total Time	Weight Gain	Vapor Emissions
Location		End Date And Time	End Weight	HVAC Operational	68.58	3.1	5.32
Green Lake / Epoxy 1		09/28/2026 8:50	26.39	○ Yes ○ No			

Remove test

Step One		Step Two		Optional	Results		
Test #		Start Date And Time	Start Weight	PH Results			
3		09/25/2026 12:15	23.36		Total Time	Weight Gain	Vapor Emissions
Location		End Date And Time	End Weight	HVAC Operational	68.58	2.88	4.94
Green Lake / Epoxy 2		09/28/2026 8:50	26.24	○ Yes ○ No			

Remove test

Step One		Step Two		Optional	Results		
Test #		Start Date And Time	Start Weight	PH Results			
4		09/25/2026 12:15	23.28		Total Time	Weight Gain	Vapor Emissions
Location		End Date And Time	End Weight	HVAC Operational	68.58	3.06	5.25
Green Lake / Epoxy 2		09/28/2026 8:50	26.34	○ Yes ○ No			

Remove test

Add Test

Docusign Envelope ID: 52500C10-F2EE-89B6-802F-CABEC0A500A2

FLOORCARE USA
HIGH-PERFORMANCE CONCRETE SPECIALISTS

Miron Construction:
Tom Zahalka
1471 McMahon Drive
Neenah, WI 54956
(608) 203-2702
Tom.zahalka@miron-construction.com

Green Lake County Highway Commission:
New Highway Facility
N4843 Wisconsin 73
Princeton, WI 54968
Contract 09.66
Epoxy Flooring

Q#111825-GLHF-CS	Epoxy Flooring: 4,390 S.F.	December 16th, 2025



Docusign Envelope ID: 52500C10-F2EE-89B6-802F-CABEC0A500A2

GILES

Concrete Slab Moisture Testing

Giles Engineering Associates - Wisconsin
N8 W22350 Johnson Dr., Suite A1
Waukesha, WI 53186
Phone: 262-544-0118
Fax: 262-549-5868

Client:
Miron Construction Co., Inc.
1400 N Water Street
Suite 200
Milwaukee, WI 53202

Project:
1m2511003
Highway Facility
Reetz Road and STH 73
Green Lake, WI

Date: 09/30/2026 **Weather:** Light rain **Temperature:** 67 **Field Rep.:** Spencer Peterson

Initial Placement and Weights

Test No.	Date/Time Started	Date/Time Concluded	Initial Mass (g)	Final Mass (g)	Result (lbs) Comment
1	09-30-26 12:28PM	10-01-26 12:32PM	32.10	33.48	5.89
2	09-30-26 12:38PM	10-01-26 12:38PM	32.10	33.59	6.79
3	09-30-26 12:50PM	10-01-26 12:50PM	32.03	33.44	6.34
4	09-30-26 1:03PM	10-01-26 1:03PM	32.00	33.38	5.89 cover disturbed

According to literature from Taylor Tools (Denver, CO), if the average moisture gain is over 1,000 square feet in a 24 hour period is below three (3) pounds, flooring consisting of rubber, solid vinyl, or wood may be installed. Similarly, if the value is below five (5) pounds, vinyl composition tile can be placed. If the average moisture gain is more than five pounds, flooring should not be installed.

The manufacturer of the flooring system should be contacted with the above information for specific recommendations regarding their product.

Moisture test kits (Model #625 from Taylor Tools) were placed at the locations indicated above. The test surface was cleared of dust and debris prior to test installation. Upon our return to retrieve the test kits, their condition was reviewed for damage and/or contamination.

Locations and elevations of tests were assessed in accordance with the accuracy and proximity of provided survey control. Unless otherwise noted, the test locations and elevations were assessed by pacing and hand-level methods.

We make no warranty, express or implied, except that our services were performed in accordance with engineering principles generally accepted at this time and in this location.

Reviewed By: David Adrian

Docusign Envelope ID: 52500C10-F2EE-89B6-802F-CABEC0A500A2

GILES

Concrete Slab Moisture Testing

Giles Engineering Associates - Wisconsin
N8 W22350 Johnson Dr., Suite A1
Waukesha, WI 53186
Phone: 262-544-0118
Fax: 262-549-5868

Client:

Miron Construction Co., Inc.
1400 N Water Street
Suite 200
Milwaukee, WI 53202

Project:

1m2511003
Highway Facility
Reetz Road and STH 73
Green Lake, WI

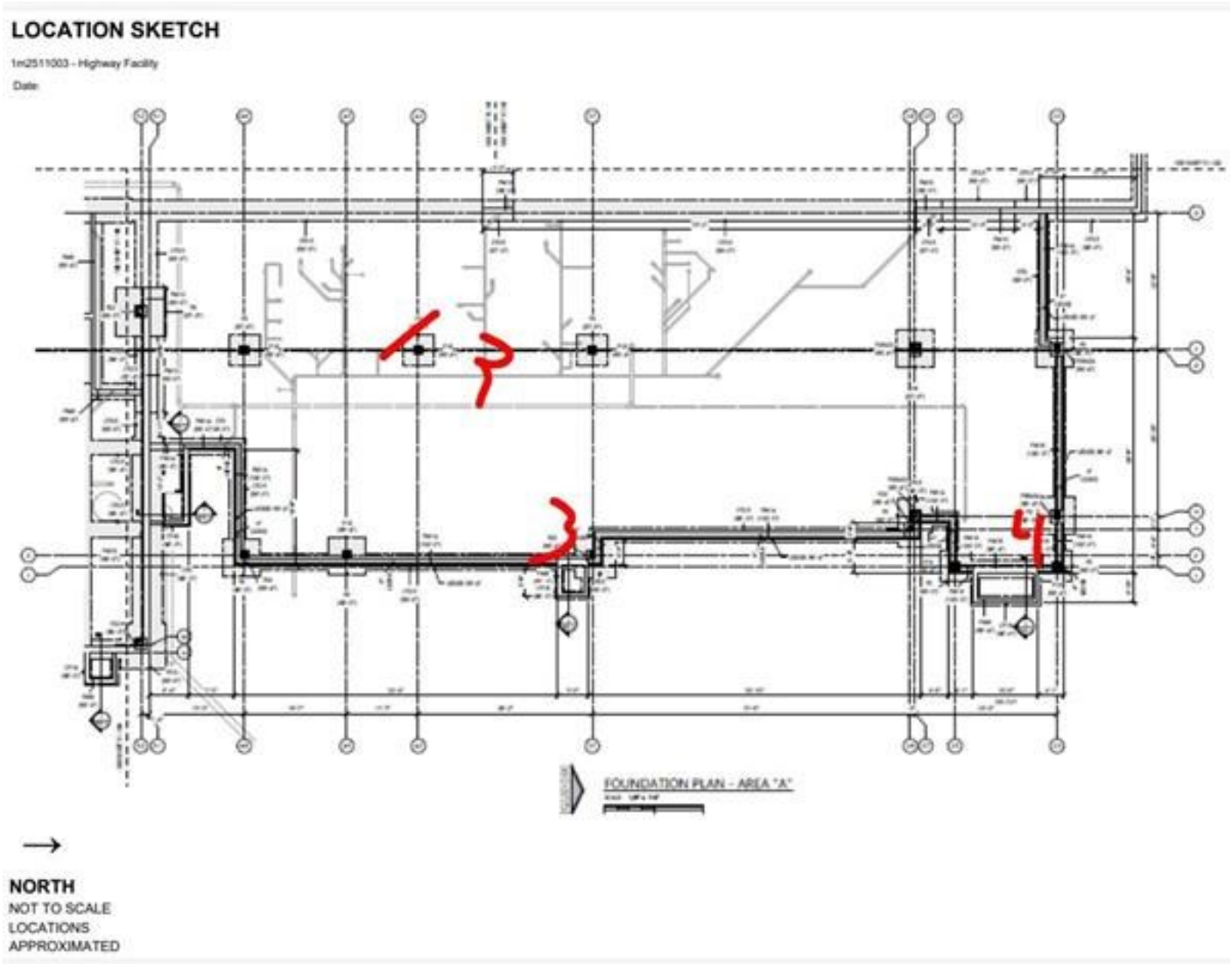


Photo Description: Red brick building
Test 1 in men's locker room
Test 2 in women's locker room
Test 3 hallway corner just north of locker rooms
Test 4 NE corner of main entrance doors

Docusign Envelope ID: 52500C10-F2EE-89B6-802F-CABEC0A500A2

Concrete Slab Moisture Testing

Giles Engineering Associates - Wisconsin
N8 W22350 Johnson Dr., Suite A1
Waukesha, WI 53186
Phone: 262-544-0118
Fax: 262-549-5868

Client:

Miron Construction Co., Inc.
1400 N Water Street
Suite 200
Milwaukee, WI 53202

Project:

1m2511003
Highway Facility
Reetz Road and STH 73
Green Lake, WI



Photo Description: Test 1 mens locker room

Docusign Envelope ID: 52500C10-F2EE-89B6-802F-CABEC0A500A2

Concrete Slab Moisture Testing

Giles Engineering Associates - Wisconsin
N8 W22350 Johnson Dr., Suite A1
Waukesha, WI 53186
Phone: 262-544-0118
Fax: 262-549-5868

Client:

Miron Construction Co., Inc.
1400 N Water Street
Suite 200
Milwaukee, WI 53202

Project:

1m2511003
Highway Facility
Reetz Road and STH 73
Green Lake, WI



Photo Description: Test 2 women's locker room

Docusign Envelope ID: 52500C10-F2EE-89B6-802F-CABEC0A500A2

Concrete Slab Moisture Testing

Giles Engineering Associates - Wisconsin
N8 W22350 Johnson Dr., Suite A1
Waukesha, WI 53186
Phone: 262-544-0118
Fax: 262-549-5868

Client:

Miron Construction Co., Inc.
1400 N Water Street
Suite 200
Milwaukee, WI 53202

Project:

1m2511003
Highway Facility
Reetz Road and STH 73
Green Lake, WI



Photo Description: Hallway north of locker rooms, test 3

Docusign Envelope ID: 52500C10-F2EE-89B6-802F-CABEC0A500A2

GILES

Concrete Slab Moisture Testing

Giles Engineering Associates - Wisconsin
N8 W22350 Johnson Dr., Suite A1
Waukesha, WI 53186
Phone: 262-544-0118
Fax: 262-549-5868

Client:

Miron Construction Co., Inc.
1400 N Water Street
Suite 200
Milwaukee, WI 53202

Project:

1m2511003
Highway Facility
Reetz Road and STH 73
Green Lake, WI



Photo Description: NE entrance/ reception, test 4

Docusign Envelope ID: 52500C10-F2EE-89B6-802F-CABEC0A500A2

Concrete Slab Moisture Testing

Giles Engineering Associates - Wisconsin
N8 W22350 Johnson Dr., Suite A1
Waukesha, WI 53186
Phone: 262-544-0118
Fax: 262-549-5868

Client:

Miron Construction Co., Inc.
1400 N Water Street
Suite 200
Milwaukee, WI 53202

Project:

1m2511003
Highway Facility
Reetz Road and STH 73
Green Lake, WI

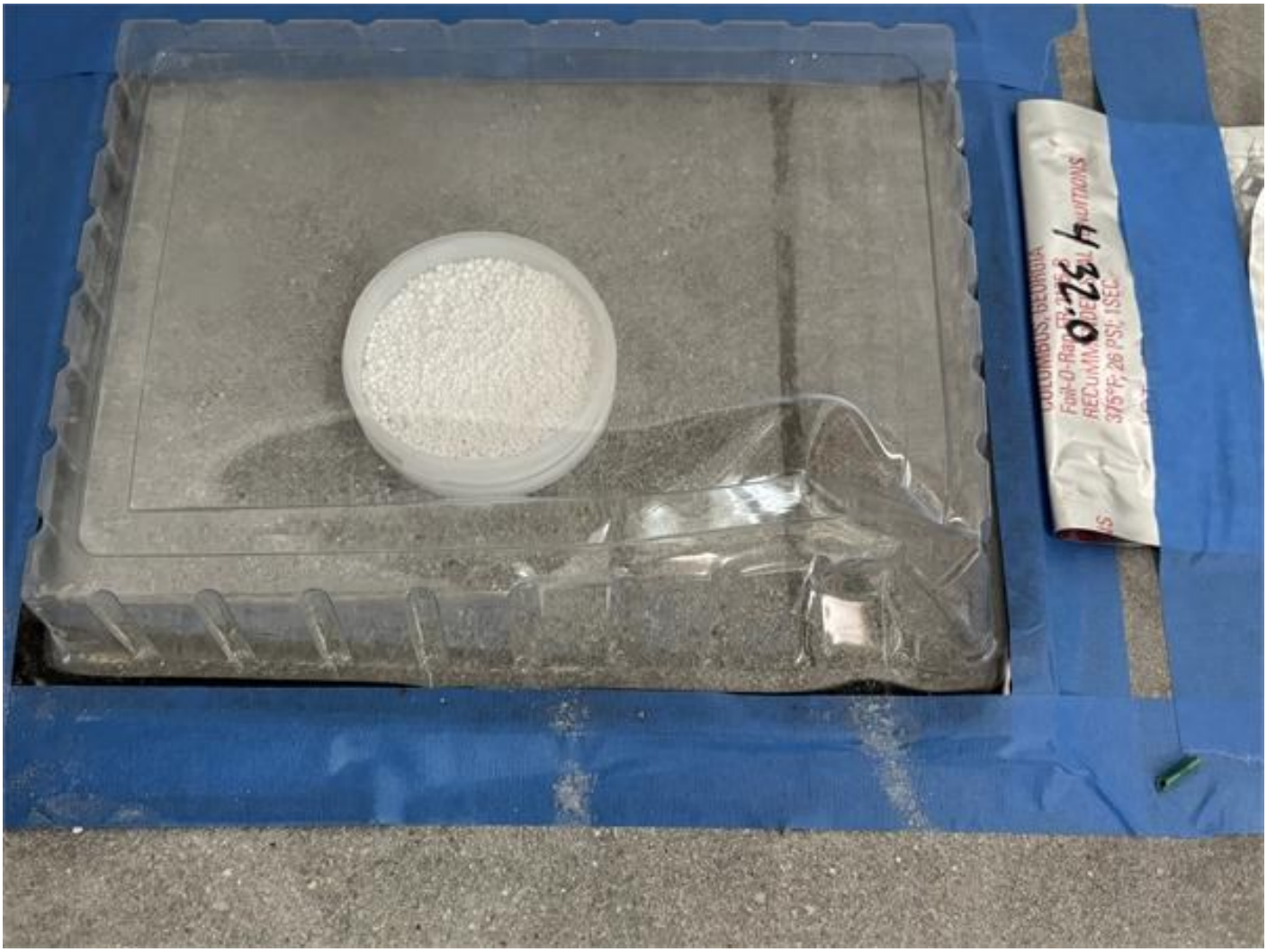


Photo Description: Test 4 cover disturbed

Docusign Envelope ID: 52500C10-F2EE-89B6-802F-CABEC0A500A2

SHERWIN WILLIAMS | HIGH PERFORMANCE FLOORING

RESUPRIME™ MVB
MOISTURE VAPOR BARRIER

PART A GP3831A01 — **CLEAR**
PART B GP3831B01 — **HARDENER**

Revised: June 1, 2023

PRODUCT INFORMATION

PRODUCT DESCRIPTION

RESUPRIME MVB is a two-part 100% solid epoxy moisture mitigation barrier. It is a moisture tolerant and VOC-compliant product that limits alkalinity and the transmission of moisture through concrete slabs. Resuprime MVB features a rapid curing time for faster job completion. It allows the direct bond of most industrial coatings, floor leveling products and most adhesive systems. Resuprime MVB is a 1 to 1 mix ratio that simplifies the application.

12-Mil (0.30 mm) System: On concrete that is at least 28 days old: Withstands concrete moisture up to 85% in-situ relative humidity per ASTM F2170.

17-Mil (0.43 mm) System: On concrete that is at least 28 days old: Withstands concrete moisture up to 100% in-situ relative humidity per ASTM F2170.

22-Mil (0.56 mm) System: On concrete that is between 7 and less than 28 days old and cured enough to be properly prepped: Withstands concrete moisture up to 100% in-situ relative humidity per ASTM F2170.

Advantages:
- LEED® v4 - Indoor Air Quality credits available.
  - Meets requirements per CDPH-CA Section 01350 Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental chambers Version 1.2.
- Fast cure
- Same day cover
- VOC-compliant
- Resists imprinting
- 0.05 perm rating
- Superior bond to dry surfaces
- Compatible with most floor covering systems
- One coat application
- Direct bond of floor coverings and toppings

GENERAL INFORMATION

LIMITATIONS: WARRANTY WILL NOT APPLY.
1. Do not apply to new concrete slabs until at least 7 days old.
2. Colors CANNOT be used in Resuprime MVB.
3. Resuprime MVB is not a wear surface or topping, it must be topcoated.
4. Do not apply over a slab while experiencing hydraulic pressure.
5. Warranty will not apply to Resuprime MVB installed over concrete with ASR (Alkali Silica reaction).
6. MVER may fluctuate within slab areas and can have significant seasonal variations.
7. Do not apply over existing coatings, sealer or floor coverings.
8. Do not apply to concrete slabs with less than 3500 psi compressive strength. (Consult Sherwin-Williams Technical Services.)
9. Protect the area to be treated from strong sunlight, wind or drafts during application.
10. Acid etching and diamond grinding should not be used as a method of preparation.
11. Cannot be sprayed.
12. DO NOT FREEZE.

ORDERING INFORMATION

Packaging:

Part A:	1 gallon (3.78L) containers, 5 gallon (18.9L) filled pails, 55 gallon (208L) filled drums
Part B:	1 gallon (3.78L) containers, 5 gallon (18.9L) filled pails, 55 gallon (208L) filled drums

PRODUCT CHARACTERISTICS

Volume Solids:	99.77%, mixed (ASTM D1475)
Weight Solids:	99.81%, mixed (ASTM D1475)
Mix Ratio:	1:1 by volume
VOC (EPA Method 24):	<100 g/L ; 0.83 lb/gal, mixed

Recommended Spreading Rate per coat:

	Minimum		Maximum	
Wet mils (microns)	**12.0**	(300)	**22.0**	(550)
~Coverage sq ft/gal (m^2/L):	**72**	(6.69)	**133**	(12.36)

Drying Schedule:

	@ 65°F (18°C)	@ 70°F (21°C)	@ 75°F (24°C)	@ 80°F (27°C)	@ 90°F (32°C)
Tack Free Time:	8 hours	6.5 hours	5 hours	4 hours	3 hours
Dry Hard:	11 hours	9 hours	7 hours	6 hours	4 hours
To Recoat:	Maximum: up to 24 hours for all conditions				

Shelf Life: 12 months, unopened
Store indoors at 65°F (18°C) to 90°F (32°C)

PERFORMANCE CHARACTERISTICS

Test Name	Test Method	Results*
Adhesion to Concrete	ASTM D7234	350 psi (2.41 MPa)
Compressive Strength	ASTM D695	11,880 psi (81.93 MPa)
Percent Elongation	ASTM D2370	8%
Shore D Hardness	ASTM D2240	90 @ 0 sec / 73 @ 15 sec
Tensile Strength	ASTM D2370	9,100 psi (62.76 MPa)
Water Absorption (24-hour immersion, resin only)	ASTM D570	1.17%
Water Vapor Transmission (net perms)	ASTM E96	0.05 (17 mils)

*Results are based on conditions at 70°F (21°C)

continued on back

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SHERWIN WILLIAMS | HIGH PERFORMANCE FLOORING

RESUPRIME™ MVB
MOISTURE VAPOR BARRIER

PART A	GP3831A01	CLEAR
PART B	GP3831B01	HARDENER

Revised: June 1, 2023

PRODUCT INFORMATION

SURFACE PREPARATION

CHECK THE CONCRETE: Concrete must be structurally sound. Concrete can be less than 28 days old.

CHECK FOR MOISTURE:
12-Mil System: In-situ relative humidity testing per ASTM F2170 is required for warranty. Readings can be up to 85% relative internal concrete humidity.

17-Mil & 22-Mil Systems: Readings can be up to 100% relative internal concrete humidity.
Test methods can be purchased at www.astm.org or follow instructions from the suppliers of this test.

NOTE: Although moisture testing is critical, it is not a guarantee against future problems. This is especially true if there is no vapor barrier or the vapor barrier is not functioning properly and/or you suspect you may have concrete contamination from oils, chemical spills or excessive salts. Functioning vapor barrier is required for use.

CHECK THE TEMPERATURE AND HUMIDITY: The ambient and surface temperature must be between 60°F (15.6°C) and 90°F (32.2°C) at the time of application, and temperatures should not rise above this range during application or while the material is curing. Ambient relative humidity percentage should not exceed 80% at the time of application.

APPLICATION EQUIPMENT

- Protective clothing
- Respirator
- Jiffy mixer blade
- Film gauges
- Slow speed drill (500 rpm or less)
- Rubber squeegees (flat and 3/16" (4.78 mm) notched)
- Soccer Cleats (soft spikes) or spiked shoes (without sharp point)
- Roller assembly (18")
- Shed Resistant, Short Nap Rollers
- Tape

ASSEMBLE EQUIPMENT: Due to the limited pot life of the material, all application equipment, etc. should be ready for immediate use. (Clean roller with tape to remove any residual lint.)

PREPARATION

CONCRETE: Repair and leveling layers containing latex or other components generally prevent absorption and proper bond and should be removed. Surface must be shot blasted to achieve a surface profile of ICRI CSP 3-5 (Int. Concrete Repair Inst.) Grinding or acid etching is not permitted, nor chemical remediation of any adhesive residues.

ENSURE POROSITY: Surface must be clean, completely free of dust, dirt, paint, sealer or any contaminant which might interfere with penetration or bond. Do not apply to floors which have sealers or bond breakers applied unless completely removed. Quick tests to help determine clean, open and absorptive concrete uses water drops. This easy test is particularly important if cores were not pulled and tested. If dime size water drops placed at several locations on prepared floor do not readily absorb into concrete within 30 seconds or beads up, surface is not sufficiently absorptive. In all cases, thorough vacuuming (with dust containment filter) is needed before application. Cleaning with pressure washer may be advisable in some cases. Leveling should be done on top of Resuprime MVB with suitable repair materials.

JOINTS: Expansion (cold or construction) joints should be left intact. Resuprime MVB is not warranted against structural movement at expansion joints. To help reduce moisture emissions through expansion joints, coat the walls and bottom of the cleaned joint with Resuprime MVB. Once allowed to dry, an expansion joint cover or an elastomeric sealant may be used. For concrete slabs over 6 months old, sawcut (control) joints and cracks should be filled by pouring Resuprime MVB full depth or to ¾ of joint depth. If filling to ¾ depth pour silica quartz into Resuprime MVB to create a mortar. Sweep away excess sand and proceed with Resuprime MVB installation.

APPLICATION INSTRUCTIONS

COVERAGE RATES: Apply the balance of Resuprime MVB needed to achieve the desired total thickness. It is important that the coverage rates are consistent. Very rough or porous concrete may require a heavier application. Adjust the rate as needed.

One gallon (3.78 litres) of Resuprime MVB will cover:
133 ft² (2.4 m²) @ 12 mils (0.30 mm) wet/dry film
94 ft² (8.7 m²) @ 17 mils (0.43 mm) wet/dry film
72 ft² (6.7 m²) @ 22 mils (0.56 mm) wet/dry film

PART A. For larger unit sizes, pour out 2 gallons (7.56 litres) Part A into a measuring container. Then, pour this measured Part A into a 5-gallon mixing pail.

ADD RESUPRIME MVB PART B TO PART A (1:1 VOLUME RATIO). For larger unit sizes, pour out 2 gallons (7.56 litres) Part B into a measuring container that is separate from the one used with the Part A. Then, add the measured Part B to the Part A already in the mixing pail.

MIX FOR 4 MINUTES using a Jiffy mixer blade and slow-speed drill to produce a streak free, homogenous product. Care must be taken to mix all the product and avoid any action that might entrap air such as high-speed drill mixing. DO NOT THIN the product.

APPROXIMATE WORK TIME (minutes) - °F (°C):

65 (18.3)	70 (21.1)	75 (23.9)	80 (26.7)	90 (32.2)
45	32	20	16	12

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SHERWIN WILLIAMS | HIGH PERFORMANCE FLOORING

RESUPRIME™ MVB
MOISTURE VAPOR BARRIER

PART A GP3831A01 — **CLEAR**
PART B GP3831B01 — **HARDENER**

Revised: June 1, 2023

PRODUCT INFORMATION

APPLICATION INSTRUCTIONS (CONT'D)

IMMEDIATELY POUR ALL OF THE MIXED MATERIAL onto the floor in a single bead.

PUSH THE SQUEEGEE at an even speed and down pressure. The squeegee should be pushed to apply the targeted amount. NOTE: Use of a notched squeegee will make it easier to apply a thicker coat.

Immediately after the Resuprime MVB is applied and there is room to roll, a second person will BACKROLL THE MATERIAL with a short nap roller to a smooth and uniform appearance. NOTE: Finish backrolling as soon as possible.

APPLICATION OF OTHER COATINGS:
First, thoroughly check Resuprime MVB for any fisheyes or pinholes which would be a weak point in the membrane. Grind these areas and clean off residue. Make sure the surface is dry. Then, reapply Resuprime MVB to these areas.

APPROXIMATE CURE TIME (hours) - °F (°C):

65 (18.3)	70 (21.1)	75 (23.9)	80 (26.7)	90 (32.2)
11	9	7	6	4

Sherwin-Williams epoxies bond to Resuprime MVB if coated within 24 hours. Resuprime MVB must be cured (hard) enough so spikes worn to apply epoxy or other recoat activities do not damage Resuprime MVB.

If you want to apply coatings other than Sherwin-Williams epoxies (polyaspartics and urethanes), it will require sanding with 120 grit paper. Because of this you will need to apply an additional 2 mils of Resuprime MVB, during the initial application. We recommend thorough sanding with a swing-type buffer so that multiple scratch marks cause an obvious gloss loss on all areas (depressions will remain shiny), and the floor is uniformly dulled. The ability to see individual scratch marks is an indication that sanding is not adequate. Scrub with detergent and rinse with clean water before coating. Tack rag to remove fine dust if needed.

Since Resuprime MVB cannot be pigmented, we recommend 6-8 mils (0.15-0.20 mm) of tinted HPF epoxy to set the proper background color for a Sherwin-Williams urethane. (See appropriate product documentation for application instructions.) The exact thickness will vary depending on the hide/color of the system.

MAINTENANCE

Allow floor coating to cure at least one week before cleaning by mechanical means (e.g., sweeper, scrubber, disc machine).

Care: Proper maintenance will increase the life and help maintain the appearance of your new HPF floor coating. Sweep and scrub your new coating regularly, as dirt and dust are abrasive and can quickly dull the finish, decreasing the life of your coating. Remove spills quickly as certain chemicals may stain and could possibly permanently damage the finish.

Use soft nylon brushes or white pads on your new floor coating. Any brush more abrasive than a soft nylon or white pad can cause premature loss of gloss.

Caution: Avoid scratching or gouging the surface. All floor coatings will scratch if heavy objects are dragged across the surface.

Do not drop heavy or pointed items on the floor as this may causing chipping or concrete popouts in the case of a weak cap.

Rubber tires can permanently stain the floor coating from plasticizer migration. Plexiglass between the tire and the floor coating can prevent discoloration.

Rubber burns from quick stops and starts can heat the coating to its softening temperature, causing permanent marking.

Repair: Repair gouges or scratches or chip outs as soon as possible to prevent moisture or chemical contamination.

TINTING

Do not tint.

SAFETY

Refer to the SDS sheet before use.

Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

DISCLAIMER

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative to obtain the most recent Product Data Information and Application Bulletin.

WARRANTY

The Sherwin-Williams Company warrants our products to be free of manufacturing defects in accord with applicable Sherwin-Williams quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Sherwin-Williams. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY SHERWIN-WILLIAMS, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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SAFETY DATA SHEET

GP3831A01

Section 1. Identification

Product name : Resuprime™ MVB (Part A)
Clear

Product code : GP3831A01

Other means of identification : Not available.

Product type : Liquid.

Relevant identified uses of the substance or mixture and uses advised against

Paint or paint related material.

Manufacturer : THE SHERWIN-WILLIAMS COMPANY
101 W. Prospect Avenue
Cleveland, OH 44115

Emergency telephone number of the company : US / Canada: (800) 424-9300
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

Product Information Telephone Number : US / Canada: 1-800-524-5979
Mexico: Not Available

Regulatory Information Telephone Number : US / Canada: (216) 566-2902
Mexico: Not Available

Transportation Emergency Telephone Number : US / Canada: (800) 424-9300
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

Section 2. Hazards identification

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the substance or mixture : SKIN CORROSION/IRRITATION - Category 2
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A
SKIN SENSITIZATION - Category 1

GHS label elements

Hazard pictograms :



Signal word : Warning

Hazard statements : Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye irritation.

Precautionary statements

Prevention : Wear protective gloves. Wear eye or face protection. Avoid breathing vapor. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace.

Section 2. Hazards identification

Response : Take off contaminated clothing and wash it before reuse. Wash contaminated clothing before reuse. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice or attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

Storage : Not applicable.

Disposal : Dispose of contents and container in accordance with all local, regional, national and international regulations.

Supplemental label elements

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. FOR INDUSTRIAL USE ONLY.

Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage.

Hazards not otherwise classified : None known.

Section 3. Composition/information on ingredients

Substance/mixture : Mixture

Other means of identification : Not available.

CAS number/other identifiers

Ingredient name	% by weight	CAS number
Epoxy Polymer	≥75 - ≤90	1675-54-3
Alkyl Glycidyl Ether	≥10 - ≤25	68609-97-2

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

Eye contact : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

Inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Skin contact : Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Section 4. First aid measures

Ingestion : Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact : Causes serious eye irritation.

Inhalation : No known significant effects or critical hazards.

Skin contact : Causes skin irritation. May cause an allergic skin reaction.

Ingestion : No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact : Adverse symptoms may include the following:
pain or irritation
watering
redness

Inhalation : No specific data.

Skin contact : Adverse symptoms may include the following:
irritation
redness

Ingestion : No specific data.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments : No specific treatment.

Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media : Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media : None known.

Specific hazards arising from the chemical : In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous thermal decomposition products : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
halogenated compounds

Section 5. Fire-fighting measures

Special protective actions for fire-fighters : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

Small spill : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

Protective measures : Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice on general occupational hygiene : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Section 7. Handling and storage

Conditions for safe storage, including any incompatibilities : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits (OSHA United States)

Ingredient name	CAS #	Exposure limits
Epoxy Polymer Alkyl Glycidyl Ether	1675-54-3 68609-97-2	None. None.

Occupational exposure limits (Canada)

Ingredient name	CAS #	Exposure limits
None.		

Occupational exposure limits (Mexico)

	CAS #	Exposure limits
None.		

Appropriate engineering controls : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Environmental exposure controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

Skin protection

Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Body protection : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Section 8. Exposure controls/personal protection

Other skin protection : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

Appearance

Physical state : Liquid.

Color : Not available.

Odor : Not available.

Odor threshold : Not available.

pH : Not applicable.

Melting point/freezing point : Not available.

Boiling point, initial boiling point, and boiling range : Not available.

Flash point : Closed cup: 94°C (201.2°F) [Pensky-Martens Closed Cup]

Evaporation rate : Not available.

Flammability : Not available.

Lower and upper explosion limit/flammability limit : Not available.

Vapor pressure : Not available.

Relative vapor density : Not available.

Relative density : 1.13

Solubility(ies) :

Media	Result
cold water	Not soluble

Partition coefficient: n-octanol/water : Not applicable.

Auto-ignition temperature : Not available.

Decomposition temperature : Not available.

Viscosity : Kinematic (40°C (104°F)): >20.5 mm^2/s (>20.5 cSt)

Molecular weight : Not applicable.

Aerosol product

Heat of combustion : 4.37 kJ/g

Section 10. Stability and reactivity

Reactivity : No specific test data related to reactivity available for this product or its ingredients.

Chemical stability : The product is stable.

Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.

Section 10. Stability and reactivity

Conditions to avoid : No specific data.

Incompatible materials : No specific data.

Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Epoxy Polymer	LD50 Dermal	Rabbit	20 g/kg	-
Alkyl Glycidyl Ether	LD50 Oral	Rat	17100 mg/kg	-

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Epoxy Polymer	Eyes - Severe irritant	Rabbit	-	24 hours 2 mg	-
	Skin - Mild irritant	Rabbit	-	500 mg	-
Alkyl Glycidyl Ether	Skin - Moderate irritant	Rabbit	-	24 hours 500 uL	-

Sensitization

Not available.

Mutagenicity

Not available.

Carcinogenicity

Not available.

Classification

Product/ingredient name	OSHA	IARC	NTP
Epoxy Polymer	-	3	-

Reproductive toxicity

Not available.

Teratogenicity

Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on the likely routes of exposure : Not available.

Section 11. Toxicological information

Potential acute health effects

Eye contact : Causes serious eye irritation.

Inhalation : No known significant effects or critical hazards.

Skin contact : Causes skin irritation. May cause an allergic skin reaction.

Ingestion : No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact : Adverse symptoms may include the following:
pain or irritation
watering
redness

Inhalation : No specific data.

Skin contact : Adverse symptoms may include the following:
irritation
redness

Ingestion : No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Long term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Potential chronic health effects

Not available.

General : Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

Carcinogenicity : No known significant effects or critical hazards.

Mutagenicity : No known significant effects or critical hazards.

Teratogenicity : No known significant effects or critical hazards.

Developmental effects : No known significant effects or critical hazards.

Fertility effects : No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Not available.

Section 12. Ecological information

Toxicity

Not available.

Persistence and degradability

Not available.

Bioaccumulative potential

Product/ingredient name	$LogP_{ow}$	BCF	Potential
Alkyl Glycidyl Ether	-	160 to 263	low

Mobility in soil

Soil/water partition coefficient (K_{OC}) : Not available.

Other adverse effects : No known significant effects or critical hazards.

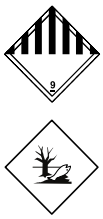
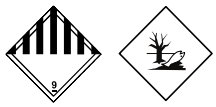
Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	IATA	IMDG
UN number	Not regulated.	Not regulated.	Not regulated.	UN3082	UN3082
UN proper shipping name	-	-	-	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy Polymer)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy Polymer). Marine pollutant (Epoxy Polymer)
Transport hazard class(es)	-	-	-	9	9

Section 14. Transport information

					
Packing group	-	-	-	III	III
Environmental hazards	No.	No.	No.	Yes.	Yes.
Additional information	-	-	-	This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 5.0.2.4.1, 5.0.2.6.1.1 and 5.0.2.8.	This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8. **Emergency schedules** F-A, S-F

Special precautions for user : Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

Transport in bulk according to IMO instruments : Not available.

Proper shipping name : Not available.

Section 15. Regulatory information

SARA 313

SARA 313 (40 CFR 372.45) supplier notification can be found on the Environmental Data Sheet.

California Prop. 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

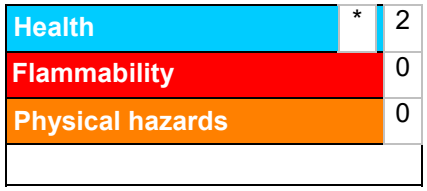
International regulations

Section 15. Regulatory information

International lists : **Australia inventory (AIIC)**: Not determined.
China inventory (IECSC): Not determined.
Japan inventory (CSCL): Not determined.
Japan inventory (ISHL): Not determined.
Korea inventory (KECI): Not determined.
New Zealand Inventory of Chemicals (NZIoC): Not determined.
Philippines inventory (PICCS): Not determined.
Taiwan Chemical Substances Inventory (TCSI): Not determined.
Thailand inventory: Not determined.
Turkey inventory: Not determined.
Vietnam inventory: Not determined.

Section 16. Other information

Hazardous Material Information System (U.S.A.)



The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

Procedure used to derive the classification

Classification	Justification
SKIN CORROSION/IRRITATION - Category 2 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A SKIN SENSITIZATION - Category 1	Calculation method Calculation method Calculation method

History

Date of printing : 5/30/2023

Date of issue/Date of revision : 5/30/2023

Date of previous issue : 12/9/2022

Version : 3.01

Key to abbreviations : ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
N/A = Not available
SGG = Segregation Group
UN = United Nations

Indicates information that has changed from previously issued version.

Notice to reader

Docusign Envelope ID: 52500C10-F2EE-89B6-802F-CABEC0A500A2

Section 16. Other information

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.

Docusign Envelope ID: 52500C10-F2EE-89B6-802F-CABEC0A500A2

SAFETY DATA SHEET

GP3831B01

Section 1. Identification

Product name : Resuprime™ MVB (Part B)
Hardener

Product code : GP3831B01

Other means of identification : Not available.

Product type : Liquid.

Relevant identified uses of the substance or mixture and uses advised against

Paint or paint related material.

Manufacturer : THE SHERWIN-WILLIAMS COMPANY
101 W. Prospect Avenue
Cleveland, OH 44115

Emergency telephone number of the company : US / Canada: (800) 424-9300
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

Product Information Telephone Number : US / Canada: 1-800-524-5979
Mexico: Not Available

Regulatory Information Telephone Number : US / Canada: (216) 566-2902
Mexico: Not Available

Transportation Emergency Telephone Number : US / Canada: (800) 424-9300
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

Section 2. Hazards identification

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the substance or mixture : ACUTE TOXICITY (oral) - Category 4
ACUTE TOXICITY (dermal) - Category 4
SKIN CORROSION/IRRITATION - Category 1A
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1
TOXIC TO REPRODUCTION - Category 2

Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity: 22.5% (oral), 84% (dermal), 98.5% (inhalation)

GHS label elements

Hazard pictograms :



Signal word : Danger

Hazard statements : Harmful if swallowed or in contact with skin.
Causes severe skin burns and eye damage.
Suspected of damaging fertility or the unborn child.

Precautionary statements

Section 2. Hazards identification

Prevention : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing and eye or face protection. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

Response : IF exposed or concerned: Get medical advice or attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor. IF SWALLOWED: Immediately call a POISON CENTER or doctor. Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Immediately call a POISON CENTER or doctor. Wash contaminated clothing before reuse. IF ON SKIN: Call a POISON CENTER or doctor if you feel unwell. Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.

Storage : Store locked up.

Disposal : Dispose of contents and container in accordance with all local, regional, national and international regulations.

Supplemental label elements

WARNING: This product contains a chemical known to the State of California to cause cancer. FOR INDUSTRIAL USE ONLY.

Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage.

Hazards not otherwise classified : None known.

Section 3. Composition/information on ingredients

Substance/mixture : Mixture

Other means of identification : Not available.

CAS number/other identifiers

Ingredient name	% by weight	CAS number
4-Nonylphenol	≥50 - ≤75	84852-15-3
Poly(oxypropylene)diamine	≥10 - ≤25	9046-10-0
Cyclohexanedimethanamine	≤10	2579-20-6
2,4,6-tris(dimethylaminomethyl)phenol	≤7.7	90-72-2
Heavy Petroleum Naphtha	<1	64741-65-7

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

Eye contact : Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.

Section 4. First aid measures

Inhalation : Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Skin contact : Get medical attention immediately. Call a poison center or physician. Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Ingestion : Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact : Causes serious eye damage.

Inhalation : No known significant effects or critical hazards.

Skin contact : Causes severe burns. Harmful in contact with skin.

Ingestion : Harmful if swallowed.

Over-exposure signs/symptoms

Eye contact : Adverse symptoms may include the following:
pain
watering
redness

Inhalation : Adverse symptoms may include the following:
reduced fetal weight
increase in fetal deaths
skeletal malformations

Skin contact : Adverse symptoms may include the following:
pain or irritation
redness
blistering may occur
reduced fetal weight
increase in fetal deaths
skeletal malformations

Ingestion : Adverse symptoms may include the following:
stomach pains
reduced fetal weight
increase in fetal deaths
skeletal malformations

Indication of immediate medical attention and special treatment needed, if necessary

Section 4. First aid measures

Notes to physician : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Specific treatments : No specific treatment.

Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media : Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media : None known.

Specific hazards arising from the chemical : In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous thermal decomposition products : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
nitrogen oxides

Special protective actions for fire-fighters : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

Small spill : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Section 6. Accidental release measures

Large spill : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

Protective measures : Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice on general occupational hygiene : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits (OSHA United States)

Ingredient name	CAS #	Exposure limits
4-Nonylphenol	84852-15-3	None.
Poly(oxypropylene)diamine	9046-10-0	None.
Cyclohexanedimethanamine	2579-20-6	None.
2,4,6-tris(dimethylaminomethyl)phenol	90-72-2	None.
Heavy Petroleum Naphtha	64741-65-7	None.

Occupational exposure limits (Canada)

Ingredient name	CAS #	Exposure limits
None.		

Occupational exposure limits (Mexico)

	CAS #	Exposure limits
None.		

Section 8. Exposure controls/personal protection

Appropriate engineering controls : If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Environmental exposure controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles and/or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

Skin protection

Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Body protection : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

Appearance

Physical state : Liquid.

Color : Not available.

Odor : Not available.

Odor threshold : Not available.

pH : Not applicable.

Melting point/freezing point : Not available.

Boiling point, initial boiling point, and boiling range : Not available.

Flash point : Closed cup: 94°C (201.2°F) [Pensky-Martens Closed Cup]

Evaporation rate : Not available.

Flammability : Not available.

Section 9. Physical and chemical properties

Lower and upper explosion limit/flammability limit : Not available.

Vapor pressure : Not available.

Relative vapor density : Not available.

Relative density : 0.95

Solubility(ies) :

Media	Result
cold water	Not soluble

Partition coefficient: n-octanol/water : Not applicable.

Auto-ignition temperature : Not available.

Decomposition temperature : Not available.

Viscosity : Kinematic (40°C (104°F)): >20.5 mm^2/s (>20.5 cSt)

Molecular weight : Not applicable.

Aerosol product

Heat of combustion : 16.396 kJ/g

Section 10. Stability and reactivity

Reactivity : No specific test data related to reactivity available for this product or its ingredients.

Chemical stability : The product is stable.

Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid : No specific data.

Incompatible materials : No specific data.

Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
4-Nonylphenol	LD50 Oral	Rat	1300 mg/kg	-
Cyclohexanedimethanamine	LD50 Oral	Rat	880 mg/kg	-
2,4,6-tris (dimethylaminomethyl)phenol	LD50 Dermal	Rat	1280 mg/kg	-
	LD50 Oral	Rat	1200 mg/kg	-

Irritation/Corrosion

Section 11. Toxicological information

Product/ingredient name	Result	Species	Score	Exposure	Observation
4-Nonylphenol	Eyes - Severe irritant	Rabbit	-	100 mg	-
	Skin - Severe irritant	Rabbit	-	24 hours 500 mg	-
Poly(oxypropylene)diamine	Eyes - Severe irritant	Rabbit	-	100 mg	-
2,4,6-tris (dimethylaminomethyl)phenol	Eyes - Severe irritant	Rabbit	-	24 hours 50 ug	-
	Skin - Mild irritant	Rat	-	0.025 Ml	-
	Skin - Severe irritant	Rabbit	-	24 hours 2 mg	-
	Skin - Severe irritant	Rat	-	0.25 Ml	-

Sensitization

Not available.

Mutagenicity

Not available.

Carcinogenicity

Not available.

Reproductive toxicity

Not available.

Teratogenicity

Not available.

Specific target organ toxicity (single exposure)

Name	Category	Route of exposure	Target organs
Heavy Petroleum Naphtha	Category 3 Category 3	-	Respiratory tract irritation Narcotic effects

Specific target organ toxicity (repeated exposure)

Name	Category	Route of exposure	Target organs
Heavy Petroleum Naphtha	Category 2	-	-

Aspiration hazard

Name	Result
Heavy Petroleum Naphtha	ASPIRATION HAZARD - Category 1

Information on the likely routes of exposure : Not available.

Potential acute health effects

Eye contact : Causes serious eye damage.

Inhalation : No known significant effects or critical hazards.

Skin contact : Causes severe burns. Harmful in contact with skin.

Ingestion : Harmful if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics

Section 11. Toxicological information

Eye contact : Adverse symptoms may include the following:
pain
watering
redness

Inhalation : Adverse symptoms may include the following:
reduced fetal weight
increase in fetal deaths
skeletal malformations

Skin contact : Adverse symptoms may include the following:
pain or irritation
redness
blistering may occur
reduced fetal weight
increase in fetal deaths
skeletal malformations

Ingestion : Adverse symptoms may include the following:
stomach pains
reduced fetal weight
increase in fetal deaths
skeletal malformations

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Long term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Potential chronic health effects

Not available.

General : No known significant effects or critical hazards.

Carcinogenicity : No known significant effects or critical hazards.

Mutagenicity : No known significant effects or critical hazards.

Teratogenicity : Suspected of damaging the unborn child.

Developmental effects : No known significant effects or critical hazards.

Fertility effects : Suspected of damaging fertility.

Numerical measures of toxicity

Acute toxicity estimates

Route	ATE value
Oral Dermal	1250.43 mg/kg 1287.63 mg/kg

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
4-Nonylphenol	Acute EC50 0.03 mg/l Marine water Acute EC50 0.027 mg/l Marine water Acute EC50 0.044 mg/l Acute LC50 17 µg/l Marine water Chronic EC10 0.012 mg/l Marine water Chronic NOEC 5 µg/l Fresh water Chronic NOEC 7.4 µg/l Fresh water	Algae - Skeletonema costatum Algae - Skeletonema costatum Crustaceans - Moina macrocopa Fish - Pleuronectes americanus - Larvae Algae - Skeletonema costatum Crustaceans - Gammarus fossarum - Adult Fish - Pimephales promelas - Embryo	72 hours 96 hours 48 hours 96 hours 96 hours 21 days 33 days

Persistence and degradability

Not available.

Bioaccumulative potential

Product/ingredient name	$LogP_{ow}$	BCF	Potential
4-Nonylphenol	-	740	high

Mobility in soil

Soil/water partition coefficient (K_{OC}) : Not available.

Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	IATA	IMDG
UN number	UN3066	UN3066	UN3066	UN3066	UN3066
UN proper shipping name	PAINT RELATED MATERIAL	PAINT RELATED MATERIAL	PAINT RELATED MATERIAL	PAINT RELATED MATERIAL	PAINT RELATED MATERIAL. Marine pollutant (4-Nonylphenol)

Section 14. Transport information

Transport hazard class(es)	8 	8 	8 	8 	8 
Packing group	III	III	III	III	III
Environmental hazards	No.	No.	No.	Yes. The environmentally hazardous substance mark is not required.	Yes.
Additional information	- **ERG No.** 153	Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2.40-2.42 (Class 8). **ERG No.** 153	- **ERG No.** 153	The environmentally hazardous substance mark may appear if required by other transportation regulations.	The marine pollutant mark is not required when transported in sizes of ≤5 L or ≤5 kg. **Emergency schedules** F-A, S-B

Special precautions for user : Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

Transport in bulk according to IMO instruments : Not available.

Proper shipping name : Not available.

Section 15. Regulatory information

TSCA 5(a)2 proposed significant new use rules: 4-Nonylphenol

SARA 313

SARA 313 (40 CFR 372.45) supplier notification can be found on the Environmental Data Sheet.

California Prop. 65

WARNING: This product contains a chemical known to the State of California to cause cancer.

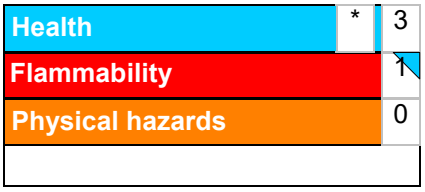
International regulations

Section 15. Regulatory information

International lists : **Australia inventory (AIIC)**: Not determined.
China inventory (IECSC): Not determined.
Japan inventory (CSCL): Not determined.
Japan inventory (ISHL): Not determined.
Korea inventory (KECI): Not determined.
New Zealand Inventory of Chemicals (NZIoC): Not determined.
Philippines inventory (PICCS): Not determined.
Taiwan Chemical Substances Inventory (TCSI): Not determined.
Thailand inventory: Not determined.
Turkey inventory: Not determined.
Vietnam inventory: Not determined.

Section 16. Other information

Hazardous Material Information System (U.S.A.)



The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

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Procedure used to derive the classification

Classification	Justification
ACUTE TOXICITY (oral) - Category 4	Calculation method
ACUTE TOXICITY (dermal) - Category 4	Calculation method
SKIN CORROSION/IRRITATION - Category 1A	Calculation method
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1	Calculation method
TOXIC TO REPRODUCTION - Category 2	Calculation method

History

Date of printing : 6/30/2023

Date of issue/Date of revision : 6/30/2023

Date of previous issue : 5/30/2023

Version : 3.02

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BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
N/A = Not available
SGG = Segregation Group
UN = United Nations

Indicates information that has changed from previously issued version.

Section 16. Other information

Notice to reader

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.

Docusign Envelope ID: FD475646-4DE4-8405-8066-5BBE50BEC34F

Change Order Request

Date: 10/21/2026

To: Derek Mashuda
Green Lake County
571 County Rd A
Green Lake, WI 54941

Re: Green Lake County Highway Facility
Princeton, WI 54968
Project: 240830

Reference Document: PCI0032

Change Description: Casing at Well - Per DNR permit review, add 20 feet of 6-inch casing to the well. See the attached Sam's proposal detail from bid time and the new proposal for changes to what is being provided.

Contractor	Description	Amount
Sams Well Drilling Inc	WATER WELLS	$2,400.00
	PROJECT CONTINGENCY	-$2,400.00
**** TOTAL ****		**0.00**

Impacted Calendar Days: 0

All terms of our agreement apply and preclude Miron Construction Co., Inc. from performing any extra work without approval. Please provide your approval by signing this request.

DocuSigned by:
Brian Frye
21B3F192BD5646C...

10/28/2026

Brian Frye **Date:**
Miron Construction Co., Inc.

Signed by:
Derek Mashuda
7931FB66FA9D430...

10/29/2026

Owner Representative **Date:**
Green Lake County

This quote expires on: 11/11/2026

Signed by:
David Vanden Avond
A29FDC798CB943E...

10/29/2026

Engineer Representative Date:
Excel Engineering Inc

Docusign Envelope ID: FD475646-4DE4-8405-8066-5BBE50BEC34F

920.326.5193 Randolph
608.251.4318 Madison
800.321.5193
920.326.5209 Fax

Sam's Well Drilling

"Well Worth It"

PO Box 150
Randolph, WI 53956

February 4, 2026
Proposal #: **64446**

Green Lake County
571 CR A
Green Lake, WI 54941

N4843 R 73
Town of Princeton
Green Lake County

RE: Contract 33.20 Water Supply Well

We propose to furnish materials and perform all labor for the construction of a 6" potable water well to produce up to 85 GPM.

1	Mobilization	$ 1,000.00	LS	$ 1,000.00
100	Ft of 10" Upper Drilling	$ 35.00	per ft	$ 3,500.00
102	Ft of 6" Casing	$ 45.00	per ft	$ 4,590.00
150	Ft of 6" Lower Drilling	$ 30.00	per ft	$ 4,500.00
1	Grout Setup	$ 1,500.00	LS	$ 1,500.00
25	Bags of Cement	$ 40.00	per bag	$ 1,000.00
10	Bags of Bentonite	$ 28.00	per bag	$ 280.00
1	Drive Shoe	$ 850.00	each	$ 850.00
2	Hr Well Development	$ 250.00	each	$ 500.00
1	DNR High Capacity Permit	$ 1,000.00	LS	$ 1,000.00
1	Furnish & Install 100 GPM Test Pump	$ 2,500.00	each	$ 2,500.00
4	Hrs of Test Pumping	$ 125.00	per hr	$ 500.00
1	Fuel Surcharge	$ 250.00	LS	$ 250.00
Well Estimate Total:				**$ 21,970.00**

***Due to current steel market volatility, the per foot rate for casing cannot be guaranteed until the time of well drilling.*

This proposal for well drilling excludes access/egress, erosion control, site restoration & test pumping. The charges for these items, if required, will be billed using time and material rates.

85 GPM Submersible Pump & Motor **$ 27,500.00**

Includes 7.5 HP 460 volt 3 phase electric motor to produce up to 85 GPM at 75 PSI w/ estimated 60 foot pumping level. Includes up to 105' of 2" drop pipe & wire, excavation & installation of pitless adapter, excavation and installation of 2 inch HDPE waterline, providing & programming VFD controls (no installation) and suppling pressure tank & manifold (no installation). Final pump and pump set depth based on test pumping results. Our portion of work terminates with 2" threaded connection at the interior foundation wall.

Excludes electrical to well, interior flow meter and any interior plumbing/electrical.

Total Project Estimate Original Bid 2/4/2026 **$ 49,470.00**

Total Project Estimate Revised per DNR Review Comments 10/15/2026 **$ 51,870.00**

Difference is PCI
Total = $2,400.00

Docusign Envelope ID: FD475646-4DE4-8405-8066-5BBE50BEC34F

920.326.5193 Randolph
608.251.4318 Madison
800.321.5193
920.326.5209 Fax

Sam's Well Drilling

"Well Worth It"

PO Box 150
Randolph, WI 53956

October 15, 2026
Proposal #: **64446**

Green Lake County
571 CR A
Green Lake, WI 54941

N4843 R 73
Town of Princeton
Green Lake County

RE: Contract 33.20 Water Supply Well – UPDATED PROPOSAL

We propose to furnish materials and perform all labor for the construction of a 6" potable water well to produce up to 85 GPM.

1	Mobilization	$ 1,000.00	LS	$ 1,000.00
120	Ft of 10" Upper Drilling	$ 35.00	per ft	$ 4,200.00
122	Ft of 6" Casing	$ 45.00	per ft	$ 5,490.00
170	Ft of 6" Lower Drilling	$ 30.00	per ft	$ 5,100.00
1	Grout Setup	$ 1,500.00	LS	$ 1,500.00
30	Bags of Cement	$ 40.00	per bag	$ 1,200.00
10	Bags of Bentonite	$ 28.00	per bag	$ 280.00
1	Drive Shoe	$ 850.00	each	$ 850.00
2	Hr Well Development	$ 250.00	each	$ 500.00
1	DNR High Capacity Permit	$ 1,000.00	LS	$ 1,000.00
1	Furnish & Install 100 GPM Test Pump	$ 2,500.00	each	$ 2,500.00
4	Hrs of Test Pumping	$ 125.00	per hr	$ 500.00
1	Fuel Surcharge	$ 250.00	LS	$ 250.00
Well Estimate Total:				**$ 24,370.00**

***Due to current steel market volatility, the per foot rate for casing cannot be guaranteed until the time of well drilling.*

This proposal for well drilling excludes access/egress, erosion control, site restoration & test pumping. The charges for these items, if required, will be billed using time and material rates.

85 GPM Submersible Pump & Motor **$ 27,500.00**

Includes 7.5 HP 460 volt 3 phase electric motor to produce up to 85 GPM at 75 PSI w/ estimated 60 foot pumping level. Includes up to 105' of 2" drop pipe & wire, excavation & installation of pitless adapter, excavation and installation of 2 inch HDPE waterline, providing & programming VFD controls (no installation) and suppling pressure tank & manifold (no installation). Final pump and pump set depth based on test pumping results. Our portion of work terminates with 2" threaded connection at the interior foundation wall.

Excludes electrical to well, interior flow meter and any interior plumbing/electrical.

Total Project Estimate **$ 51,870.00**

Docusign Envelope ID: FD475646-4DE4-8405-8066-5BBE50BEC34F

920.326.5193 Randolph
608.251.4318 Madison
800.321.5193
920.326.5209 Fax

Sam's Well Drilling
"Well Worth It"

PO Box 150
Randolph, WI 53956

Terms and Conditions

The above prices, specifications and conditions are satisfactory and hereby accepted. You are authorized to do the work specified I/we agree to pay Sam's Well Drilling, Inc. within 20 days of completion of the work performed for the actual footage drilled and materials used. If account is not paid 20 days after invoice date, a service charge of 1 1/2% per month will be charged.

A mobilization charge will apply based on project distance and urgency. Access to be located to allow all-weather access without slope or overhead obstacles. Access issues may result in additional mobilization and site access/egress fees. On arranged drilling day if we are required to stand-by a rate of $250/hr will be charged.
This proposal for well drilling excludes access, egress, site restoration, and erosion control. The charges for access/egress/site restoration and erosion control, if required, will be billed using time and material rates. Casing will be invoiced at market price at time of well construction. Fuel surcharge may apply.

The above proposal is an estimate; you will be invoiced for the actual work performed. All material is guaranteed to be in accordance with well code. This proposal may be withdrawn by us if not accepted in 90 days.

As required by the Wisconsin Construction lien law, builder hereby notifies owner that persons or companies furnishing labor or materials for the construction on owner's land may have lien rights on owner's land and buildings if not paid. Those entitled to lien rights, in addition to the undersigned builder, are those who contract directly with the owner or those who give the owner notice within 60 days after the first furnish labor for construction. Accordingly, owner probably will receive notices from those who furnish labor or materials for the construction, and should give a copy of each notice received to the mortgage lender, if any. Builder agrees to cooperate with the owner and the owner's lender, if any, to see that all potential lien claimants are duly paid.
Damage Waiver

This is to certify that we, the owner, understand that in order for Sam's Well Drilling, Inc. to drill a well at our property, access and egress must be provided for heavy equipment. We are aware that heavy equipment may cause damage to our trees, shrubs, lawn, curbing, sidewalk, driveway, yard and other property. Additionally, it is understood that cost related to access, egress, site restoration and erosion control is our personal responsibility.

By signing, we certify that we will not hold Sam's Well Drilling, Inc. responsible for any damage to our property beyond that could be caused when accessing the site with the heavy equipment and any events caused during the normal processes of drilling, erosion control and water runoff. We promise to pay in full for the work completed.

Please sign below and return original copy to be added to our schedule.

Signature:_____ Date: ____/_____/_____

Sam's looks forward to assisting you with this project. Please contact us at (920) 326-5193 or email at jaker@samswelldrilling.com with any questions related to the project or this proposal.

Sincerely,

Jake Redeker
Sam's Well Drilling, Inc.

Docusign Envelope ID: FD475646-4DE4-8405-8066-5BBE50BEC34F

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
101 S. Webster Street
Box 7921
Madison WI 53707-7921

Tony Evers, Governor

Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

Approval Date: **October 08, 2026**
File Number: **24-02-016450**
Application No: **9113**
Water Use Property Number: **16450**

DEREK MASHUDA
GREEN LAKE COUNTY HIGHWAY DEPARTMENT
571 COUNTY HIGHWAY A
GREEN LAKE WI 54941

SUBJECT : High Capacity Well(s) Conditional Approval - Town of Princeton - Green Lake County

Dear GREEN LAKE COUNTY HIGHWAY DEPARTMENT - MASHUDA, DEREK:

The Department of Natural Resources, Bureau of Drinking Water and Groundwater (Department), has reviewed and approved your application to construct a potable High Capacity Well(s), located in the Town of Princeton, Green Lake County. The application was submitted by Sam's Well Drilling and received by the Department on 4/2/2026.

Your application has received a review to determine compliance with the well construction and pump installation requirements of ch. NR 812, Wis. Adm. Code, and ch. 281, Wis. Stats. The application was reviewed to determine compliance with ch. 281.11, 281.12(1), and 281.34 (2), Wis. Stats. and related administrative rules to mitigate harm to the waters of the state. The Department's review indicates the proposed construction complies with the requirements of ch. NR 812, Subchapter ii; however, you and your well driller and pump installer are responsible for complying with all provisions of ch. NR 812 and the conditions contained in this approval. The Department's determination to issue this conditional approval is based on the information provided in your application and other available information, and it may be subject to modification pursuant to s. 281.34(7), Wis. Stats.

This approval consists of this letter and 6 sections: 1) Conditional Approval to construct a high capacity well; 2) Conditional Approval to construct a potable high capacity water supply; 3) High capacity well conditional withdrawal approval; 4) Conditions and requirements for constructing and operating a high capacity well; 5) Additional conditions and requirements for constructing and operating a potable high capacity well and 6) Notice of appeal of rights and other legal notices.

Review this approval in its entirety. Please contact the department at 608-266-2299 with any questions or concerns.

Respectfully,

Joe Nadolski, Hydrogeologist
State of Wisconsin - Department of Natural Resources
For the Secretary

cc:

Sam's Well Drilling
data@wgnhs.wisc.edu - via email
James.KasdorfJr@wisconsin.gov - via email
Janelle.Merry@Wisconsin.gov - via email

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Docusign Envelope ID: FD475646-4DE4-8405-8066-5BBE50BEC34F

CONDITIONAL APPROVAL TO CONSTRUCT A HIGH CAPACITY WELL

DEREK MASHUDA
GREEN LAKE COUNTY HIGHWAY DEPARTMENT
571 COUNTY HIGHWAY A
GREEN LAKE WI 54941

Approval Date: **10/08/2026**
County: **Green Lake**
File Number: **24-02-016450**
Property Number: **16450**

Well Location, Pump and Discharge

Well Number:	96108
Well Name Assigned by Well Owner:	Shop Well
Well Address:	N4843 WI-73, Princeton, WI 54968
PLSS Description:	NE NW Sec04 T15N R12E
Latitude (Decimal Degrees):	43.80579
Longitude (Decimal Degrees):	-89.07887
Approved Pump Type:	Submersible
Approved Pump Capacity (gpm):	85
Approved Discharge Type (Over Top of Casing Seal,Pitless Adapter or Unit):	Pitless adapter
Approved Discharge Location (Building Pressure Tank,Pond, etc.):	Pressure tank < 1000 gal

Well Construction

Drilling Method(s):	Mud Rotary
Total Well Depth:	260'
Approved Finished Aquifer:	Sandstone/Limestone
Upper Drillhole Diameter / Depth Interval:	12" / 0' to 120'
Lower Drillhole Diameter / Depth Interval:	8" / 120' to 260'
Upper Casing Diameter / Wall Thickness / Depth Interval:	8" / 0.322" / 0' to 120'
Lower Casing Diameter / Wall Thickness / Depth Interval:	
Casing Material / Joint Type:	steel / welded
Screen Material / Slot Size in Inches / Depth Interval:	
Upper Annular Space Material / Depth Interval:	Neat Cement Grout / 0' to 120'
Lower Annular Space Material / Depth Interval:	/ -
Grout Placement Method:	Tremie Pipe - Pumped

Well Construction Requirements and Conditions:

1. You or your well driller must contact your DNR regional water supply specialist at least one business day prior to starting construction in accordance with s. NR 812.03(1), Wis Adm. Code. Advanced notification of high capacity well construction or pump installation work can be provided to the department electronically via https://arcg.is/18yji84. Your submitted electronic notification will be automatically routed to the appropriate private or public water supply specialist.

2. 96108 - The proposed well location cannot extend more than 200 feet to the northwest. This is to avoid impacts to the private well at a residence located at W3925 REETZ ROAD.

Docusign Envelope ID: FD475646-4DE4-8405-8066-5BBE50BEC34F

HIGH CAPACITY WELL CONDITIONAL WITHDRAWAL APPROVAL

DEREK MASHUDA
GREEN LAKE COUNTY HIGHWAY DEPARTMENT
571 COUNTY HIGHWAY A
GREEN LAKE WI 54941

Approval Date: **10/08/2026**
County: **Green Lake**
File Number: **24-02-016450**
Property Number: **16450**

New Wells

Well Name	Water Use Code(s)	High Capacity Well Number	Pump Capacity (gpm)	Latitude - Decimal Degrees (e.g. 45.12345)	Longitude - Decimal Degrees (e.g. -89.12345)
Shop Well	CO99	96108	85	43.80579	-89.07887

Approved Withdrawals by Source

Well Name	Water Use Code	High Cap Well #	Pump Capacity (gpm)	Approved Daily Withdrawal (gallons)	Maximum Approved Monthly Withdrawal Amount (millions of gallons)											
					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Shop Well	CO99	96108	85	40000	0.50	0.45	0.50	0.48	0.50	0.48	0.50	0.50	0.48	0.50	0.48	0.50

Maximum Property Monthly Withdrawal Amounts (millions of gallons)

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0.50	0.45	0.50	0.48	0.50	0.48	0.50	0.50	0.48	0.50	0.48	0.50

Please note that your property approval is equal to the sum of the approved withdrawal amounts for each source.

Docusign Envelope ID: FD475646-4DE4-8405-8066-5BBE50BEC34F

CONDITIONS AND REQUIREMENTS FOR CONSTRUCTING AND OPERATING A HIGH CAPACITY WELL

1. **WELL CONSTRUCTION.** It is your responsibility and the responsibility of your well driller and the pump installer to ensure that the well construction and pump installation for the proposed high capacity well are completed in compliance with the requirements of ch. NR 812, Wis. Adm. Code, and in compliance with the conditions specified in this approval. The pump installation will discharge through a Department-approved pump and the entire discharge piping arrangement system shall be installed in a manner to meet the applicable requirements of ch. NR 812, Wis. Adm. Code. If the Department discovers features or aspects of the installation or operation that are in violation of ch. NR 812, Wis. Adm. Code, or in violation of the conditions specified in this approval, the approval will become void. It your responsibility to make any needed corrections to the well construction or the pump installation, or to any changes in operation or water usage.
2. **LOCATION.** In accordance with ss. NR 812.09(2) & (4)(a), Wis. Adm. Code, and unless otherwise stated in explicit conditions specified in this approval, the approved high capacity well shall be constructed within a distance of 660 feet around the approved coordinates; this allowance is subject to setbacks defined in ch. NR 812, Wis. Adm. Code. The well driller shall determine accurate coordinates for the latitude and longitude of the well location with the use of a Global Positioning System (GPS) unit and shall include these coordinates on the Well Construction Report.
3. **APPROVAL EXPIRATION.** In accordance with s. NR 812.09(4r), Wis. Adm. Code, if the construction of the proposed high capacity well has not commenced within two years from the date of this letter, this approval is void. If the approval is voided under this subsection, a new application must be submitted and approved before any construction work on a new proposed well or pump installation may be undertaken.
4. **DRILLING NOTIFICATION.** In accordance with s. NR 812.03(1), Wis. Adm. Code, notice shall be provided to the Department's District Region Drinking Water Specialist on the business day prior to the date when construction, including grouting, of the high capacity well is proposed to commence.
5. **FILLING AND SEALING.** Any approved well is expected to be used. A high capacity well shall be filled and sealed if the well meets any of the criteria defined in NR 812.26 (4)(a) Wis. Adm. Code.
6. **REPORTING.** Withdrawals from each of the high capacity wells on your property must be recorded monthly and reported to the Department by March 1 of the subsequent calendar year in a format provided by the department in accordance with s. 281.34(5)(e)2., Wis. Stats., and s. NR 820.13(1), Wis. Adm. Code. The Department may require photographic evidence of the meter reading(s) or another method approved by the Department, to document compliance with approved withdrawal volumes. Please consult current Department instruction regarding approved measurement and estimation methods.
7. **METERING**. In accordance with ss. NR 812.39(2), NR 820.13 & NR 856.31(1), wells with a pumping capacity of 100,000 gallon per day (70 gpm) or more shall be equipped with a means of accurately measuring water withdrawal, typically an hour meter or totalizing flow meter. Unless otherwise specified in approval conditions, wells with a pumping capacity of less than 100,000 gallons per day (70 gpm) may either be equipped means of measuring water withdrawals or water use may be estimated using a method approved by the department. See Water Withdrawal Report Instructions (dnr.wisconsin.gov/sites/default/files/topic/WaterUse/WWReportGuidance.pdf) for additional information on approved flow measurement methods and water use estimation methods.
8. **WELL CONSTRUCTION REPORT.** In accordance with s. NR 812.10(11), Wis. Adm. Code, the well driller shall prepare a Well Construction Report for the proposed high capacity well and shall submit the report to the Department within 30 days following completion of the well.
9. **WITHDRAWAL LIMITS.** In accordance with s. NR 812.09(4)(a), Wis. Adm. Code, the operation of the proposed high capacity well shall be limited to the withdrawal schedule found in the withdrawal approval or conditional language.
10. **WATER WITHDRAWAL REGISTRATION.** Your approved withdrawal has been registered with the Department pursuant to s. 281.346, Wis. Stats., and ch. NR 856, Wis. Adm. Code. Registration is required for persons who have a water supply system with the capacity to withdraw an average of at least 100,000 gallons per day (70 gallons per minute). You do not need to take any additional steps to register at this time. For more information on water use registration, go to https://dnr.wisconsin.gov/topic/WaterUse/registration.html or call the Water Use Program at (608) 266-2299.
11. **WATER USE FEES.** Any person with a high capacity well with the capacity to make a withdrawal from the waters of the state averaging 100,000 gallons per day or more in any 30-day period shall pay to the Department an annual water use fee of $125, as well as an additional fee for any Great Lakes basin withdrawal exceeding 50 million gallons per year. This high capacity well approval may be rescinded if either of these annual fees is not paid. See s.281.346(12), Wis. Stats., and ch. NR 850, Wis. Adm. Code. For more information about Great Lakes basin fees, go to https://dnr.wisconsin.gov/topic/WaterUse/fees.html or call the Water Use Program at (608) 266-2299.
12. **WATER USE PERMIT** (GREAT LAKES BASIN ONLY)**.** In addition to a high capacity well approval, a water use permit is required for Great Lakes Basin withdrawals averaging 100,000 gallons per day or more in any 30-day period. See s. 281.346(4m), Wis. Stats., and ch. NR 860, Wis. Adm. Code. For more information on water use permitting go to https://dnr.wisconsin.gov/permits/water or call the Water Use Program at (608) 266-2299.

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13. **CHANGE IN OWNERSHIP.** Pursuant to s. 281.34(2g)(c), Wis. Stats., if ownership of a high capacity well is transferred, the new high capacity well owner shall notify the Department within 90 days of the transfer using the form prescribed by the Department.

Docusign Envelope ID: FD475646-4DE4-8405-8066-5BBE50BEC34F

ADDITIONAL CONDITIONS AND REQUIREMENTS FOR CONSTRUCTING AND OPERATING A POTABLE HIGH CAPACITY WELL

1. **PUBLIC WATER SUPPLIES.** Owners of public water supplies are required to contact the Department to ensure that their system complies with the Safe Drinking Water (ch. NR 809) and Public Water System (ch. NR 810) rules. Requirements may include water quality sampling and monitoring, public notice and notification, monitoring assessment, certified operators, and capacity development.
2. **NON-TRANSIENT NON-COMMUNITY SUPPLIES.** Owners of new non-transient non-community public water supplies are required to submit a capacity evaluation of the drinking water system to the Department before commencing operation (s. NR 810.24). The Capacity Development Coordinator will provide information to help you understand the requirement and conduct a capacity evaluation.
3. **TRANSIENT NON-COMMUNITY SUPPLIES.** Owners of new transient non-community public water supply systems should work with a licensed water well driller or pump installation contractor and consult with the Department to determine the applicable requirements under the Well Construction and Pump Installation (ch. NR 812) rule. Requirements may include water quality sampling and Department approval for the installation of any treatment devices.
4. **CHLORINE.** In accordance with NR 812.11(14) a chlorine residual of 100 mg/L shall be maintained in the drilling water during the entire drilling operation. The chlorine concentration may be mixed according to Table D in s. NR 812.12. The drilling fluid shall be maintained with a free−chlorine residual of 10 mg/L (parts per million) during drilling.
5. **LINESHAFT PUMP OIL.** In accordance with s. NR 812.32(1)(b), Wis. Adm. Code, any oil used in the lubrication of the lineshaft turbine pump shall be food contact grade white mineral oil approved by the United States Food and Drug Administration (FDA).
6. **PITLESS ADAPTERS**. If using a pump with a pitless subsurface connection, per s. NR 812.31(2)(c), Wis. Adm. Code, a pitless pressure test is required. The well driller is required to notify the Department. Please see the Drilling Notification section above for contact and timeline information.
7. **BACK PRESSURE.** Section NR 812.32(4)(a), Wis. Adm. Code, requires back pressure on the waterline from a submersible pump to the first pressure tank. No check valves are allowed on the pump discharge pipe beyond a buried section of pipe between a well and a pressure tank. If the first storage vessel is a reservoir or atmospheric storage vessel then any buried pump discharge pipe shall be maintained under a continuous pressure head which is greater than the ground surface elevation.
8. **SEWER LINES.** The owner, well driller and pump installer are required to maintain appropriate setback distances from sewer lines in accordance with s. NR 812.32(4) (b),Wis. Adm. Code.
9. **WATER SAMPLING.** In accordance with s. NR 812.46 Wis. Adm. Code, the water well driller or his/her agent shall collect water samples to be analyzed for coliform bacteria and nitrate from any new or newly reconstructed, rehabilitated, redeveloped, or reconditioned potable well.
10. **OTHER CODES.** This approval applies to components of the water supply from the point(s) of withdrawal through the first storage vessel. Any part of the water supply system after the first storage vessel is considered plumbing and is subject to applicable state and local plumbing codes.

Docusign Envelope ID: FD475646-4DE4-8405-8066-5BBE50BEC34F

NOTICE OF APPEAL RIGHTS AND OTHER LEGAL NOTICES

If you believe that you have a right to challenge this decision, you should know that Wisconsin Statutes and Administrative Rules establish time periods within which requests to review Department decisions must be filed. For judicial review of a decision pursuant to Sections 227.52 and 227.53 of the State Statutes, you have 30 days after the decision is mailed, or otherwise served by the Department, to file your petition with the appropriate circuit court and serve the petition on the Department. Such a petition for judicial review must name the Department of Natural Resources as the Respondent.

To request a contested case hearing pursuant to Section 227.42 of the State Statutes, you have 30 days after the decision is mailed, or otherwise served by the Department, to serve a petition for hearing on the Secretary of the Department of Natural Resources. The filing of a request for a contested case hearing is not a prerequisite for judicial review and does not extend the 30-day period for filing a petition for judicial review.

All requests for contested case hearings must be made in accordance with section 227.42, Wis. Stats., and section NR 2.05(5), Wisconsin Administrative Code, and served on the Secretary in accordance with section NR 2.03, Wisconsin Administrative Code. Pursuant to Section NR 2.05(5), Wisconsin Administrative Code, and Section 227.42, Wis. Stats., the Petitioner is required to include specific information demonstrating the following:

1. The substantial interest of the Petitioner which is injured in fact or threatened with injury by Department action or inaction;
2. That there is no evidence of legislative intent that this interest is not to be protected;
3. That the injury to the Petitioner is different in kind or degree from the injury to the general public caused by the Department action or inaction; and
4. That there is a dispute of material fact (you must specify the disputed fact(s)).

Docusign Envelope ID: 51872F5A-3CFD-88DE-81E3-FEF695A4317B

Change Order Request

Date: 10/21/2026

To: Derek Mashuda
Green Lake County
571 County Rd A
Green Lake, WI 54941

Re: Green Lake County Highway Facility
Princeton, WI 54968
Project: 240830

Reference Document: PCI0034

Change Description: Trench In Temp Power - Trench in the temp power electric lines so they are buried for safety. See the attached Mashuda back-up for details.

Contractor	Description	Amount
Mashuda Contractors Inc	EARTHWORK	$443.84
	ELECTRICAL SERVICE	-$443.84
**** TOTAL ****		**0.00**

Impacted Calendar Days: 0

All terms of our agreement apply and preclude Miron Construction Co., Inc. from performing any extra work without approval. Please provide your approval by signing this request.

DocuSigned by:
Brian Frye
21B3F192BD5646C...

10/28/2026

Brian Frye **Date:**
Miron Construction Co., Inc.

Signed by:
Derek Mashuda
7931FB66FA9D430...

11/5/2026

Owner Representative **Date:**
Green Lake County

This quote expires on: 11/11/2026

Signed by:
David Vanden Avond
A29FDC798CB943E...

11/5/2026

Engineer Representative Date:
Excel Engineering Inc

Docusign Envelope ID: 51872F5A-3CFD-88DE-81E3-FEF695A4317B

MASHUDA CONTRACTORS, INC.
An Equal Opportunity Employer

Mashuda Contractors, Inc.
P.O. Box 16, Princeton, WI 54968
Phone: (920) 295-3329 | Fax: (920) 295-6117 | www.mashuda.com

Bill Date: **Friday, March 13, 2026**

Subject: Force Account - Extra Work Request for Payment

Project ID: Contracts 31.00 & 33.00
Location: Princeton, Wisconsin
Highway: Site Work
Description: Green Lake Highway Commission
New Highway Facility
County: Green Lake

ATTN: Eric Brandt, Project Manager
Miron Construction
Email: Eric.Brandt@miron-construction.com
Phone:

Below is a summary of the total costs associated with the extra work performed on the above referenced project. Also attached are a series of summary sheets that contain detailed breakdowns of each expense category. Any questions regarding this Request for Payment can be directed to Tom Mashuda, Contract Manager, using the contact information at the top of each page.

Extra Work Expense Summary

Extra Work: ***EW04 - Dig Trench for Power***

Total Labor Expenses *Found on Pages 2 & 3 (if applicable)*	**$ 221.70**
Total Equipment Usage Expenses *Found on Page 4 (if applicable)*	**$ 222.14**
Total Equipment Stand-By Expenses *Found on Page 5 (if applicable)*	**$ -**
Total Material Expenses *Found on Page 6 (if applicable)*	**$ -**
Total Subcontractor Expenses *Found on Page 7 (if applicable)*	**$ -**
Grand Total of Above Expenses	**$ 443.84**

Comments:

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Expense Summary: Hourly Wages Earned

Project ID: Contracts 31.00 & 33.00
Location: Princeton, Wisconsin
Highway: Site Work
Extra Work: EW04 - Dig Trench for Power

Name	Pay Class	Dates										Hours Worked			Hourly Wage	Insurance Amount	Payroll Amount			Payroll Amount Eligible for Unemployment Tax	
		2/25/2026																			
		S.T.	O.T.	S.T.	O.T.	S.T.	O.T.	S.T.	O.T.	S.T.	O.T.	S.T.	O.T.	Total			S.T.	O.T.	Total	Federal	State
Jake Capek	Foreman (FM)	1.00	0.00									1.00		**1.00**	$ 46.77	$ 46.77	$ 46.77		**$ 46.77**	$ 46.77	$ 46.77
David Brehm	Operator (OE-2)	1.00	0.00									1.00		**1.00**	$ 46.77	$ 46.77	$ 46.77		**$ 46.77**	$ 46.77	$ 46.77
Subtotal: Labor Wages												2.00		**2.00**		**$ 93.54**	$ 93.54		**$ 93.54**	**$ 93.54**	**$ 93.54**

Comments:

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Expense Summary: Benefits, Labor Allowances & Payroll Additives

Project ID: Contracts 31.00 & 33.00
Location: Princeton, Wisconsin
Highway: Site Work
Extra Work: EW04 - Dig Trench for Power

Local 139 Union Benefits				
Pay Class	**# of Employees**	**# of Hours**	**Hourly Benefit**	**Benefits by Pay Class**
Foreman (FM)	**1.00**	**1.00**	**$ 26.91**	**$ 26.91**
Operator (OE-2)	**1.00**	**1.00**	**$ 30.90**	**$ 30.90**
Laborer (LAB 5)			$ 25.80	
On Road Trucker (TRK OR)			$ 25.80	
Off Road Trucker (TRK)			$ 30.90	
Mechanic (MECH)			$ 30.90	
Greaser (GREASER)			$ 30.90	
Flagger (FLAG B4)			$ 25.80	
Apprentice 1 (APP 1)			$ 23.13	
Apprentice 2 (APP 2)			$ 23.13	
Apprentice 3 (APP 3)			$ 23.13	
Apprentice 4 (APP 4)			$ 23.13	
Office Personnel (OFFICE)			$ 30.90	
Shop Personnel (SHOP)			$ -	

Benefits	Total Employees	Total Hours	Subtotal: Benefits
	2.00	2.00	$ 57.81
	Hourly Wages Earned		Subtotal: Wages + Benefits
	$ 93.54		$ 151.35

Labor Allowances	+ 35% Markup *(per 109.4.5.2)*	Subtotal: Wages + Benefits + Markup
	$ 52.97	$ 204.32

Insurance & Tax Payroll Additives			
Type	**Rate**	**Eligible Amount**	**Total**
+ Worker's Compensation Insurance	4.500%	$ 93.54	**$ 4.21**
+ Public Liability & Property Damage Insurance *Minus On-Road Trucking Wages of $ -*	1.759%	$ 93.54	**$ 1.65**
+ Federal Unemployment Tax	0.600%	$ 93.54	**$ 0.56**
+ State Unemployment Tax	3.100%	$ 93.54	**$ 2.90**
+ Federal Social Security Tax	6.200%	$ 93.54	**$ 5.80**

Payroll Additives	Subtotal: Payroll Additives
	$ 15.12
	+ 15% Markup *(per 109.4.5.3)*
	$ 2.27
	Subtotal: Payroll Additives + Markup
	$ 17.38

Labor Summary		
	Wages, Benefits & Markup:	$ 204.32
	Payroll Additives & Markup:	$ 17.38
	Labor Total:	**$ 221.70**

Comments:

I hereby certify that the above statement and information on Page 2 is a copy of the portion which applies to the above stated work and that the rates shown for taxes and insurance are actual costs.

X _____

Tom Mashuda, Contract Manager

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Expense Summary: Equipment Usage & Hourly Rates

Project ID: Contracts 31.00 & 33.00
Location: Princeton, Wisconsin
Highway: Site Work
Extra Work: EW04 - Dig Trench for Power

Fleet No.	Manufacturer	Model	Year	Description	Hours Used						Hourly Rate	Total Cost
					2/25/2026					Total Hours		
S389	Chevrolet	1500 Trail Boss	2024	Pickup Truck	1.00					1.00	$ 34.30	$ 34.30
A87	Caterpillar	352	2025	Excavator	1.00					1.00	$ 187.84	$ 187.84

Comments:

Summary of Equipment Used		
Total Hours Used	Total Pieces Used	Equipment Total
2.00	2.00	$ 222.14

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Mashuda Contractors, Inc.
Job Name: GLC Highway Dept. Facility **Job Code: 557-25**

Cost Code Review

Cost Code: EW04 Extra Work #4 - Dig Trench for Pow LS

Code	Description	Class	Reg. Hours	OT Hours	Other Hours
Date: 02/25/2026 Foreman: CAPEK J Shift: 1					
Time Card:					
Production Quantities:	0.000				
CAPEK J	Jake Capek	FM	1.00	0.00	0.00
S389	2024 Chevy 1500 Trail Boss		1.00	0.00	0.00
BREHM D	David R Brehm	OE-2	1.00	0.00	0.00
A87	2025 CAT 352 Excavator		1.00	0.00	0.00

Labor Totals: Hours - 2.0
Equip Totals: Hours - 2.0

Cost Code Notes:

Slot: 2
Company Note: EW - Dig a trench from temp power to job trailers.
Indexes:

Inspector Note:

Total Production Quantity: 0.000 LS

Docusign Envelope ID: 51872F5A-3CFD-88DE-81E3-FEF695A4317B

Mashuda Contractors, Inc.
Job Name: GLC Highway Dept. Facility **Job Code: 557-25**

Cost Code Review

Cost Code: EW04 Extra Work #4 - Dig Trench for Pow LS

Code	Description	Class	Reg. Hours	OT Hours	Other Hours
Totals by individual items:					
Employees:					
BREHM D	David R Brehm	OE-2	1.00	0.00	0.00
CAPEK J	Jake Capek	FM	1.00	0.00	0.00
	Totals:		**2.00**	**0.00**	**0.00**
Equipment:					
A87	2025 CAT 352 Excavator		1.00	0.00	0.00
S389	2024 Chevy 1500 Trail Boss		1.00	0.00	0.00
	Totals:		**2.00**	**0.00**	**0.00**

Materials:	Cost Type	Units	Received	Used

Subcontracts:	Cost Type	Units	Received	Used

Supplies:	Cost Type	Units	Received	Used

Trucking:	Cost Type	Units	Received	Used

Fuel:	Cost Type	Units	Received	Used

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EquipmentWatch

www.equipmentwatch.com

All prices shown in US dollars ($)

Adjustments for S389 in All Saved Models

March 13, 2026

Chevrolet SILVERADO 1500 LT TRAIL BOSS 4X4 GAS
Light Duty Trucks

Size Class:
2
Weight:
N/A

Configuration for SILVERADO 1500 LT TRAIL BOSS 4X4 GAS

Power Mode	**Gasoline**	Wheelbase	**147.4 Inches**
Model Trim	**LT Trail Boss**	Gross Vehicle Weight Rating	**7000 Pounds**

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	**Weekly**	**Daily**	**Hourly**	**Hourly**	**Hourly**
Published Rates	USD $3,685.00	USD $1,030.00	USD $260.00	USD $39.00	USD $13.46	USD $34.40
Adjustments						
Region (Wisconsin: 100.3%)	USD $11.06	USD $3.09	USD $0.78	USD $0.12		
Model Year (2024: 99.26%)	(USD $27.44)	(USD $7.67)	(USD $1.94)	(USD $0.29)		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	**USD $3,668.61**	**USD $1,025.42**	**USD $258.84**	**USD $38.83**	**USD $13.46**	**USD $34.30**

Non-Active Use Rates	**Hourly**
Standby Rate	USD $10.42
Idling Rate	USD $24.47

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	27.57%	USD $1,015.94/mo
Overhaul (ownership)	39.7%	USD $1,462.82/mo
CFC (ownership)	16.48%	USD $607.35/mo
Indirect (ownership)	16.25%	USD $598.90/mo
Fuel (operating) @ USD 3.06	26.97%	USD $3.63/hr

Revised Date: 1st quarter 2026

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book® Print. Visit the Cost Recovery Product Guide on our Help page for more information.

The equipment represented in this report has been exclusively prepared for (tom.mashuda@mashuda.com)

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EquipmentWatch

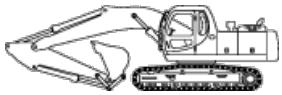
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All prices shown in US dollars ($)

Adjustments for A87 in All Saved Models

March 13, 2026

Caterpillar 352
Crawler Mounted Hydraulic Excavators



Size Class:
40.5 - 50.4 mt
Weight:
N/A

Configuration for 352

Bucket Capacity	**3.61 cu yd**	Horsepower	**424 hp**
Operating Weight	**110500 lbs**	Power Mode	**Diesel**

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	**Weekly**	**Daily**	**Hourly**	**Hourly**	**Hourly**
Published Rates	USD $20,685.00	USD $5,790.00	USD $1,450.00	USD $220.00	USD $69.85	USD $187.38
Adjustments						
Region (Wisconsin: 100.4%)	USD $82.74	USD $23.16	USD $5.80	USD $0.88		
Model Year (2025: 99.99%)	(USD $1.67)	(USD $0.47)	(USD $0.12)	(USD $0.02)		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	**USD $20,766.07**	**USD $5,812.69**	**USD $1,455.68**	**USD $220.86**	**USD $69.85**	**USD $187.84**

Non-Active Use Rates

	Hourly
Standby Rate	USD $58.99
Idling Rate	USD $148.85

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	31.78%	USD $6,573.33/mo
Overhaul (ownership)	44.15%	USD $9,132.38/mo
CFC (ownership)	15.44%	USD $3,194.10/mo
Indirect (ownership)	8.63%	USD $1,785.18/mo
Fuel (operating) @ USD 3.83	44.18%	USD $30.86/hr

Revised Date: 1st quarter 2026

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GREEN LAKE COUNTY
HIGHWAY COMMISSION

Derek Mashuda
Highway Commissioner

Office: 920-294-4060
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Email: dmashuda@greenlakecountywi.gov

Commissioner's Report
November 11th, 2026

Previous month review

- Patching
- Township Work
- Winter Equipment Mounting
- CTH N Project
  - Shoulders
  - Punchlist
- CTH O
  - Pulverize/Grade
  - Pave
- CTH H
  - Pipe installations
  - Ditch work
  - Pulverize/Grade

Upcoming activities

- Patching
- Winter Equipment Mounting
- Snow Fencing
- CTH O Project
  - Shoulder
  - Stripe
  - Punchlist
- CTH H
  - Ditching
  - Pave
  - Shoulders
  - Stripe
  - Punchlist