Form 4400-249 (R 03/14)

Page 1 of 2

Notice: This form may be used to comply with the requirements of s. NR 716.14 (2), Wis. Adm. Code; however, use of this form is not required. An alternate format may be used. The rule requires that notification be provided to 1) property owners when someone else is conducting the sampling, 2) to occupants of property belonging to the responsible person, and 3) to owners and occupants of property that does not belong to the responsible person but has been affected by contamination arising on his or her property. Notification is required within 10 business days of receiving the sample results. Personal information collected will be used for program administration and may be provided to requesters to the extent required by Wisconsin's Open Records law [ss. 19.31-19.39, Wis. Stats.].

NOTE: Under s. NR 716.14, Wis. Adm. Code, the responsible party must also submit sample results and other required information to the DNR. We recommend that copies of the sample results notifications be included with that submittal, along with all attachments. Using the same format used for data presentation for a closure request may be helpful to all parties. See s. NR 716.14, Wis. Adm. Code for the full list of information to be submitted to the DNR.

Notification of Property Owners and Occupants:

This notification form has been provided to you in order to provide the results of environmental sampling that has been conducted on property that you own or occupy. Samples were collected in accordance with the methods identified in the site investigation work plan, in accordance with s. NR. 716.09 and 716.13, Wis. Adm. Code. This sampling was conducted as a result of contamination originating at the following location.

Site Information					
Site Name				DNR ID # (BRRTS #)	
Enbridge Line 13 Blac	khawk Valve			02-28-586199	
Address			City	State ZIP Code	
Blackhawk Island Roa	ıd		Fort Atkin	nson WI 53538	
Responsible Party	6 1 11 11	• • • • • •	·· ·· ·		
The person(s) responsibl	e for completing th	is environmental in	vestigation is:		
Property Owner					
Enbridge Energy, Lim	ited Partnership	(Responsible Part		Tri-State Holdings LLC (property owne	r)
Address			City	State ZIP Code	
11 East Superior Stree	t - Suite 125		Duluth	MN 55802	<u></u>
Contact Person				Phone Number (include area code) (715) 718-1040)
Karl Beaster, P.G.				(713) 710-1040	
Person or company that	collected samples				
WSP USA Inc.					
Sample Results (Resu	its Attached)				
Reason for Sampling:	Routine	 Other (define) 	Interim Action	n Construction Completion Report Addendum	
The contaminants that ha	ave been identified In So		perty that you ow I ndwater?	n or occupy include:	
Contaminant		No Yes			
Gasoline	$\overline{\bigcirc}$	$\overline{0}$ $\overline{0}$	$\overline{\mathbf{O}}$	This sampling event included sampling of a	
Diesel or Fuel Oil	Õ	Õ Õ	Õ	drinking water well.	
Solvents	Õ	ŏ ŏ	Õ	○ Yes ● No	
Heavy Metals	Õ	Õ Õ	Õ	If yes, the sampled drinking water well had	
Pesticides	Õ	Õ Õ	Õ	detectable contaminants.	
Other: diluent liquid	Ō	$\overline{\bigcirc}$	Õ	○ Yes ○ No	
		enteminente in V			
	<u> </u>	contaminants in Va Yes No			
Indoor Air		$\overline{\bigcirc}$			
Sub-slab		Õ Õ			
Exterior Soil Gas		\circ			

Form 4400-249 (R 03/14)

Attached are:

- A map that shows the locations from which samples were collected. (The map needs to meet the requirements of • s. NR 716.15 (4), Wis. Adm. Code.)
- A data table with specific contaminant levels at each sample location and whether or not the sample results exceed state standards.
- A copy of the laboratory results.

You are not identified as the person that is responsible for this contamination. However, your cooperation is important. Property owners may become legally responsible for contamination if they do not allow access to the person that is responsible so that person may complete the environmental investigation and clean up activities.

Option for written exemption: You have the option of requesting a written liability exemption from the DNR for contamination that originated on another property, or on property that you lease. To do this, you must present an adequate environmental assessment of vour property and pay a \$700 fee for review of this information. If you are interested in this option, please see DNR publication # RR 589, "When Contamination Crosses a Property Line - Rights and Responsibilities of Property Owners", available at: dnr.wi.gov/files/ PDF/pubs/rr/rr589.pdf.

Contact Information

Please address guestions regarding this notification, or reguests for additional information to the contact person listed above, or to one of the following contacts:

Environmental Consultant						
Company Name		Contact Person	Last Name	First Name		
WSP USA Inc.		Huff		Tim		
Address			City		State	ZIP Code
5957 McKee Road, Suite 7			Madison		WI	53719
Phone # (inc. area code)	Email					
(314) 206-4212	tim.huff@wsp.con	1				
Select which agency: Nature 	ral Resources	Agriculture, ⁻	Frade and Consumer F	Protection		
State of Wisconsin Departm	ent of Natural Reso	ources				
Contact Person Last Name		First N	ame			# (inc. area code)
Rice		Caroli	ne		(6	508) 219-2182
Address			City		State	ZIP Code
3911 Fish Hatchery Rd			Fitchburg		WI	53711
Email						
caroline.rice@wisconsin.go	V					

wsp

January 5, 2022

Karl Beaster, PG Sr. Environmental Advisor Enbridge Energy, Limited Partnership 11 East Superior Street, Suite 125 Duluth, MN 55802 karl.beaster@enbridge.com

Subject: Interim Action Construction Completion Report Addendum Enbridge Line 13 MP 312, Blackhawk Island Rd Valve Site, Ft. Atkinson, WI WDNR BRRTS #02-28-586199

Dear Mr. Beaster:

WSP USA Inc. (WSP) is pleased to submit the following Interim Action Construction Completion Report Addendum for the Line 13 Milepost (MP) 312 Valve Site located at the intersection of Blackhawk Island Road and Westphal Lane near Fort Atkinson, Wisconsin (Site). **Figure 1** shows the Site location.

BACKGROUND INFORMATION

The Interim Action Work Plan Addendum, dated August 18, 2021, described (1) the installation of source area remediation wells RW-1 through RW-9 in June 2021, (2) the identification of Light Non-Aqueous Phase Liquid (LNAPL, "free product") at the water table in the remediation wells, (3) the results of initial manual free product recovery activities in June and July 2021, and (4) specifications for a proposed automated free product recovery system to be constructed and operated as an Interim Action. The Interim Action Work Plan Addendum was approved by the Wisconsin Department of Natural Resources (WDNR) in an email dated August 26, 2021.

The Interim Action Construction Completion Report (IACCR), dated November 11, 2021, described the automated free product recovery system construction, operational details, and performance metrics from startup of the system on September 7, 2021 through November 8, 2021.

This Addendum provides an update on the performance of the automated product recovery system through the end of November 2021, when the system was shut down and disassembled for winter. Because the automated product recovery system was designed and operated as an Interim Action, it was not designed for continuous operation during the winter. This Addendum also includes supplemental information requested by the WDNR following its review of the IACCR, specifically boring logs for the remediation wells and map-view and cross-sectional views of site hydrogeology and free product distribution near the water table.

WSP USA Suite 2800 211 North Broadway St. Louis, MO 63102

Tel.: +1 314 206-4444 Fax: +1 314 421-1741 wsp.com

REMEDIATION WELL LOGS AND SOURCE AREA GEOLOGIC CROSS-SECTIONS

Figure 2 depicts the MP312 valve site layout and includes the June 2021 High-Resolution Site Characterization (HRSC) soil boring locations, remediation and monitoring well locations, and the approximate thickness of the interval near the water table where the Ultra-Violet Optical Screening Tool (UVOST) detector response indicated the potential presence of free product. **Figure 3** depicts the measured free product thickness in each of the remediation wells on June 21, prior to the beginning of Interim Action product recovery, and on November 30, after shutdown of the automated product recovery system.

Boring logs for remediation wells RW-1 through RW-11 and the WNDR Monitoring Well Construction (Form 4400-113A) and Monitoring Well Development (Form 4400-113B) forms are provided in Enclosure A. Due to the presence of free product in remediation wells RW-1 through RW-9 following installation, no well development was attempted. Free product was not identified in remediation wells RW-10 and RW-11 following installation on August 13, 2021, and qualitative well development was conducted on August 26, 2021 to determine if the wells would produce free product following development given their close proximity to other remediation wells with measurable free product. Free product has not been identified to date in remediation wells RW-10 and RW-11.

Figure 4 shows the locations of geologic cross-sections A-A' and B-B', which are provided in **Figure 5**. Cross-section A-A' is oriented northwest to southeast parallel to Line 13, while cross-section B-B' is oriented southwest to northeast perpendicular to the pipelines, which are depicted in the cross-sections at the depths and locations confirmed by vacuum excavation (i.e., hydrovac) during the site assessment activities.

June 2021 soil boring UVOST response, which is indicative of the presence of free product in the formation, is plotted adjacent to each soil boring on the cross-sections. Soil lithology presented in the cross-sections is interpreted from the soil borings and monitoring wells. The remediation wells were installed without additional soil sampling based on the data collected from adjacent soil borings. Measured depth to product and depth to water data for the remediation wells (June 21, 2021) and monitoring wells (October 26, 2021) are also presented in the cross-sections. Monitoring wells MW-01-63 and MW-14-31 were installed in August 2021. Based on a longer history of water level gauging data for monitoring well MW-01-32, which was also gauged on June 21, 2021, the seasonal change in groundwater levels between June and October 2021 was a net decrease of approximately 0.2 feet. A detailed presentation of the soil boring UVOST procedures and results, monitoring well installation procedures and sampling results, interpretation of site hydrogeology and groundwater flow, and an updated conceptual site model will be included in the Supplemental Site Investigation Report, currently under development.

FREE PRODUCT SPATIAL DISTRIBUTION AND INTERIM ACTION PRODUCT RECOVERY TOTALS

Between startup of the automated product recovery system on September 7 and shut down on November 29, the automated system recovered approximately 522 gallons of free product. **Figure 6** shows the automated system product recovery over time since system startup on September 7, 2021. The Interim Action total product recovery inclusive of both manual and automated product recovery was approximately 741 gallons as of November 29, 2021.

Figure 7 provides a graph of measured product thickness in remediation wells RW-1 through RW-9 during the Interim Action product recovery. Measured product thickness generally decreased in each of the remediation wells, with the most significant decreases observed during operation of the automated product recovery system. For the eight wells that were equipped with product skimmer pumps in the automated system, measured product thickness decreased between June 21 and November 29 by 49 to 91%, with an average decrease of 67% (1.24 feet).

vsp

On November 29 and 30, 2021, the automated product recovery system was shut down and disassembled for winter. The product skimmer pumps were left in the remediation wells, but the air supply and product discharge hoses, well controllers, and product tank controls were removed and stored. Recovered product was pumped from the onsite storage by Enbridge personnel using a vacuum truck on October 19 and December 2, 2021, and transported for reinjection into the pipeline system. Groundwater recovered during product recovery was also stored onsite and was transported on November 5 and December 2, 2021 for offsite disposal as a D018 hazardous waste at the Clean Harbors facility in El Dorado, Arkansas. A copy of the manifests and Land Disposal Restriction forms are provided in Enclosure B.

Continued free product recovery in the spring of 2022 as a part of the overall remediation approach for the site will be evaluated and incorporated into the Response Action Objectives Report / Response Action Plan, currently under development. We will continue to evaluate the recovered product volume relative to the estimated release volume of 1,225 to 1,386 gallons reported in the Interim Action and Site Investigation Report, dated January 28, 2021.

In accordance with NR 712, Wis. Adm. Code., the certification of an engineer for this Interim Action Construction Completion Report Addendum is included in Enclosure C.

Please do not hesitate to contact me if you have questions:

Kind regards,

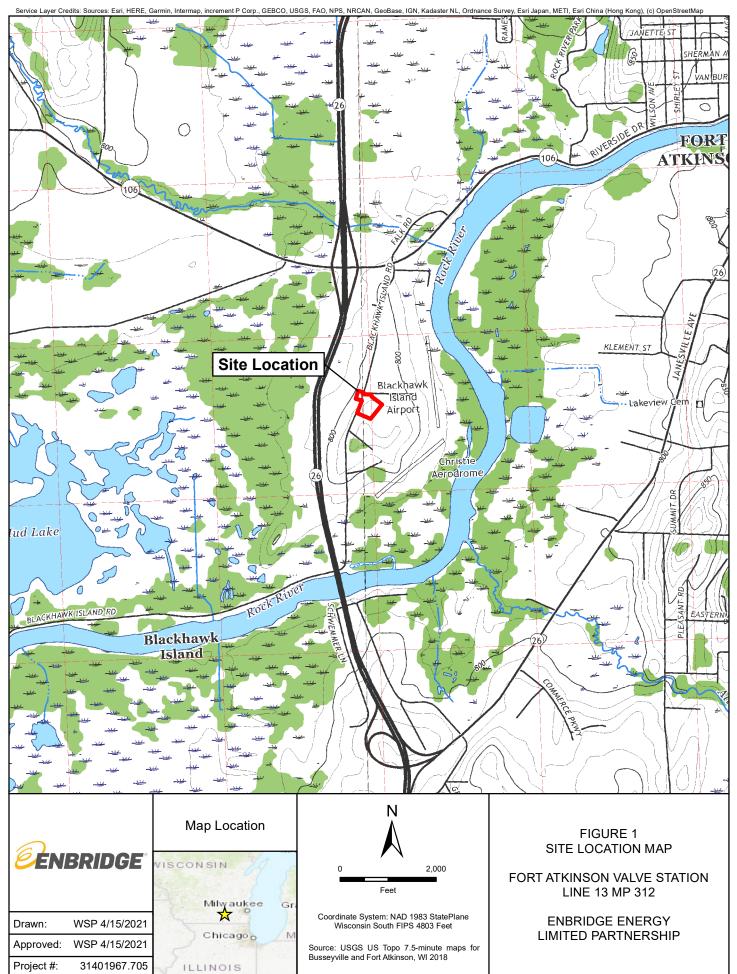
Timothy A. Huff Senior Lead Geologist

TAH :

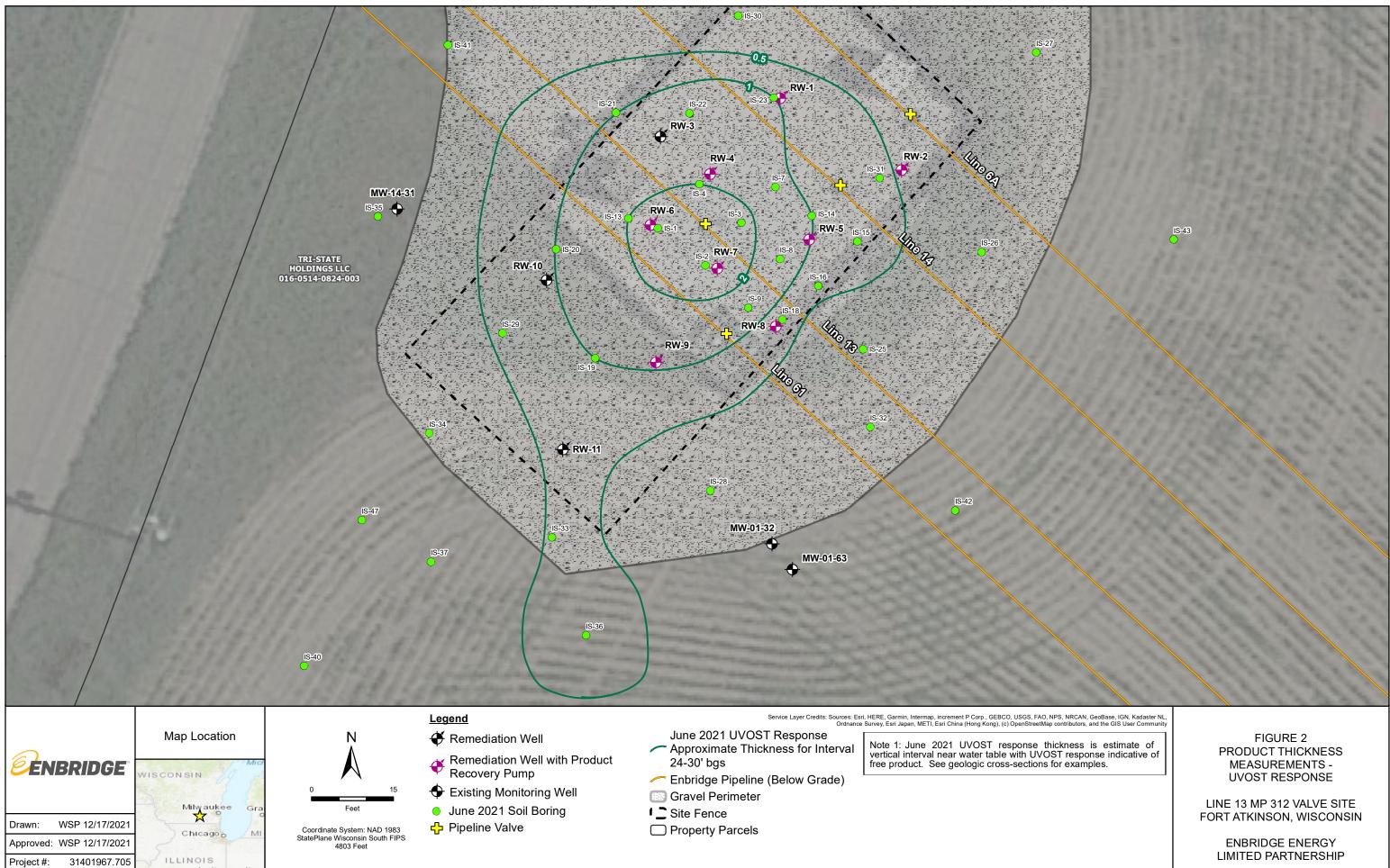
\\corp.pbwan.net\us\centraldata\usmes100\es-shares\clients\enbridge\fort atkinson, wi - 113 mp312_work plans and reports\2022-01 ia report addendum\2022.01.05_line13 mp312_interim action construction completion report addendum.docx

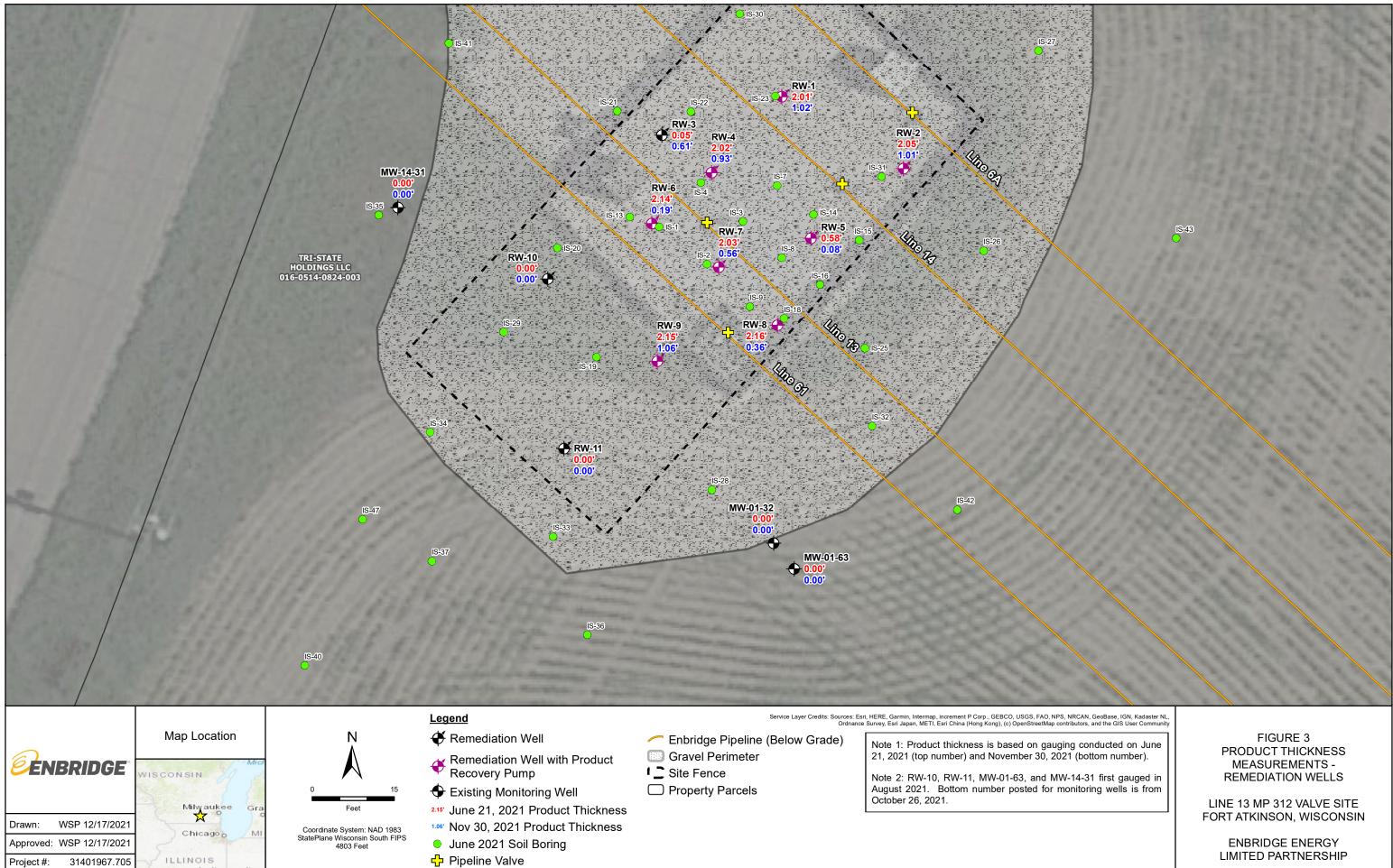
Encl.

FIGURES

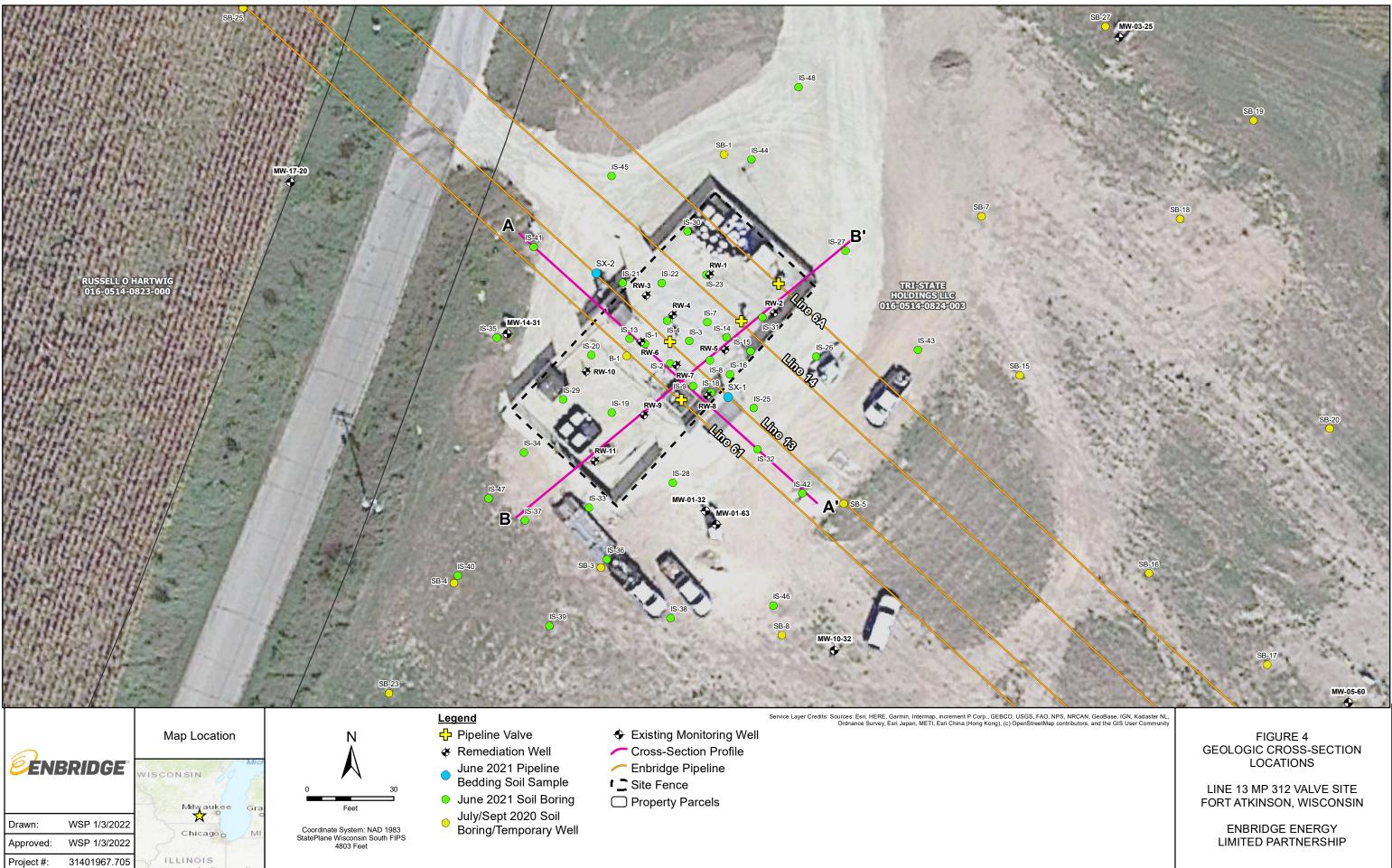


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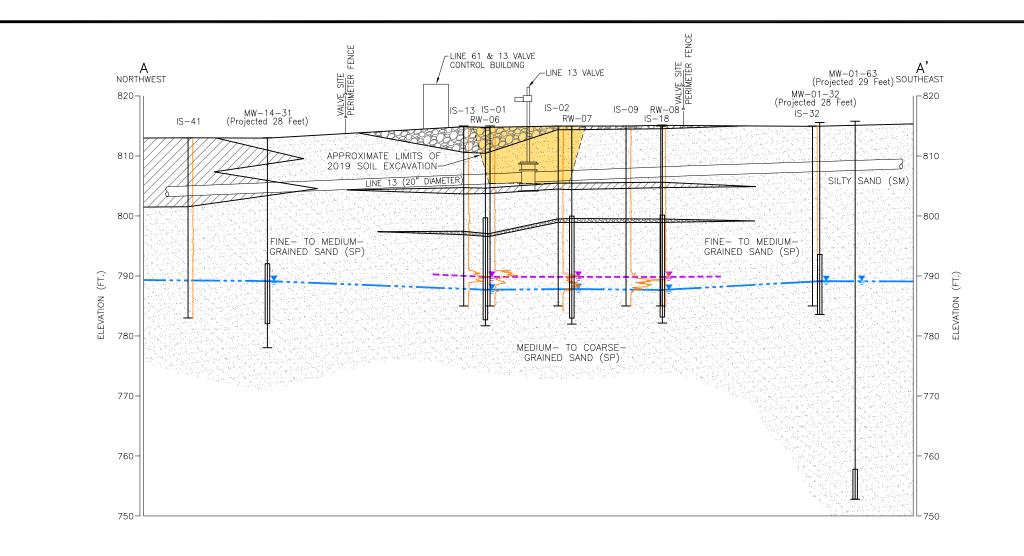


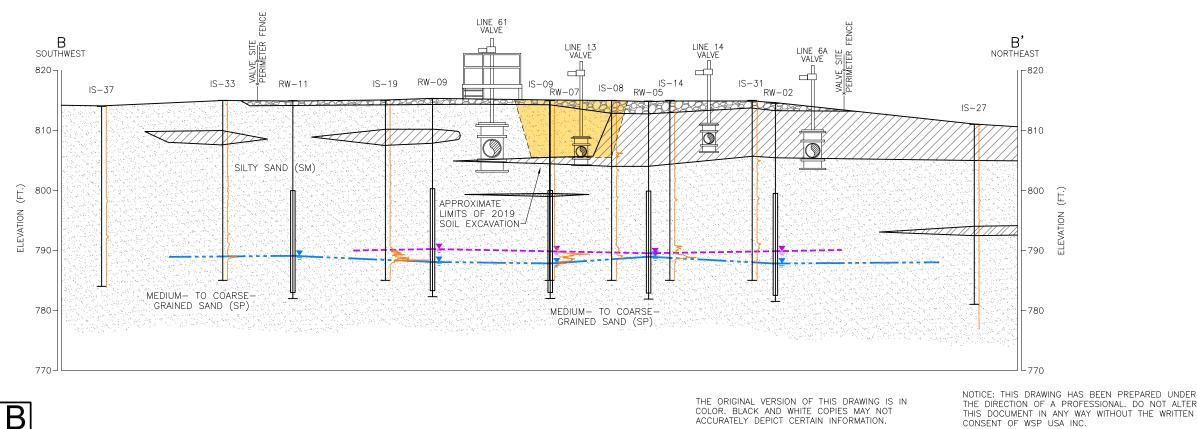


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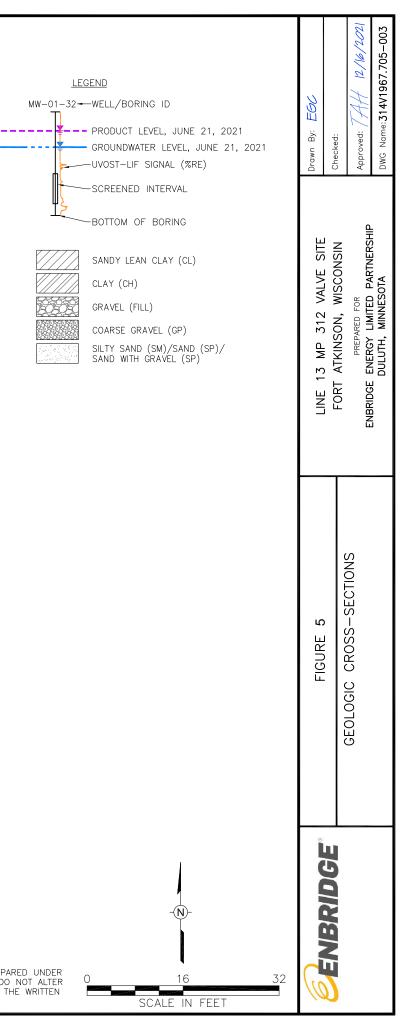


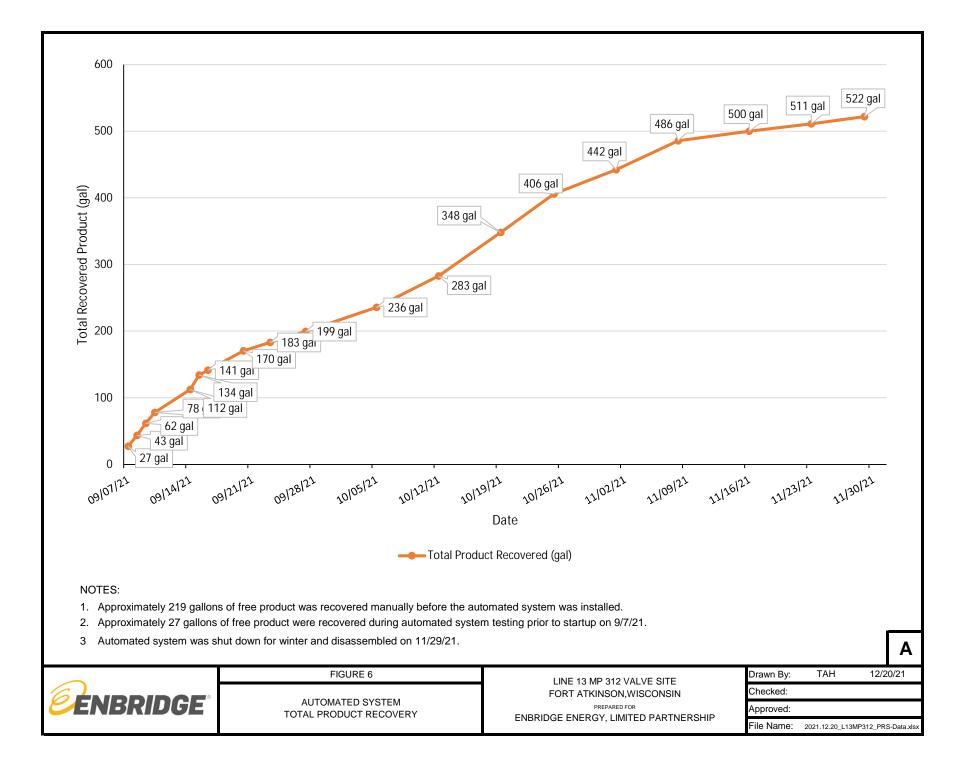
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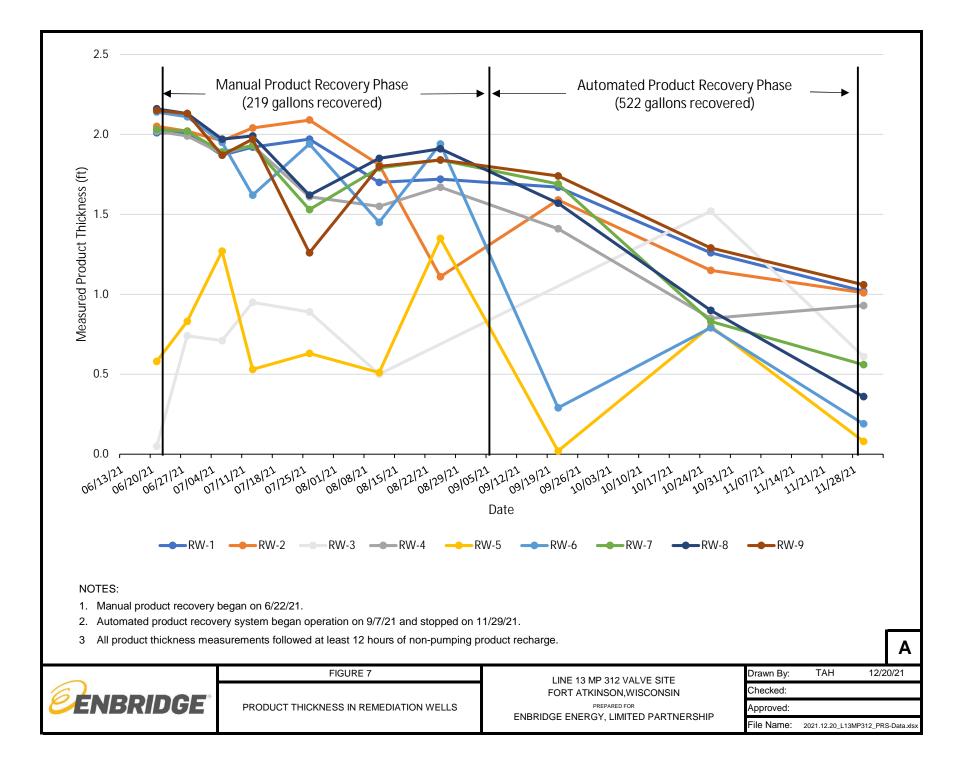




THE DIRECTION OF A PROFESSIONAL. DO NOT ALTER THIS DOCUMENT IN ANY WAY WITHOUT THE WRITTEN CONSENT OF WSP USA INC.







ENCLOSURE A – REMEDIATION WELL BORING LOGS AND WELL CONSTRUCTION / DEVELOPMENT FORMS



Proje	ct Nam	e: ENB	LN13	MP312	2 Valve	e Site	Client: Enbridge	Energy LP	Location: Fort Atkinson, WI	Boring Log: RW	/-01
Orille	d By: C	Dakota T	Technol	logies/0	Cody E	ystad	Drill Start Date:	6/17/2021	Drill End Date: 6/17/2021	Drill Method: H	ollow Stem Auger
logge	ed By: (Cal Johr	ison				Total Depth (ft):	: 33	Bore Diameter (in): 8	Ground Surface	(ft-msl): 814.46
Coord	linates	(X/Y): 2	226995	0.79/3	33898.	.31	Well Permit Nur	nber: NA		Top-of-Casing (f	't-msl): 814.2
					W	ell Constru				Annulus	
	: Sched	inch Sc ule 40 F		40 PV	'C Scre	en	Diameter (in) 2 2	Depth (ft) 17 to 32 0 to 17	Material Filter Pack: 20/40 Sand Seal: Fine-sand Seal Other: Hydrated Bentonite Chips Clean Sand Backfill		Depth (ft 16 to 33 15 to 16 6 to 15 1 to 6
Depth (ft)	Elevation (ft-msl)	Type	Lab Sample Interval	Recovery (%)	PID (ppm)	Graphic Log	Notes: Lithology and field		based on IS-30 data. ysical Description		Well
						20	Ground Surface				A
-	_			40	4.0		fine-grained sand	(10YR 7/3); abo l; dry; no odor. TH GRAVEL (d	but 80% fine- to coarse-grained gra	·	
		$\left(\rightarrow \right)$					Very dark brown	i (10YR 2/2); ab	out 20% coarse-grained gravel; mo	ist; no odor.	
-	-			42	3.2 4.8		SANDY LEAN (Dark brown (10)		AVEL (cl) 5% fine- to coarse-grained gravel; 1	noist; no odor.	
0 -	- 804			75	9.5 10.4		POORLY-GRAD Pale brown (10Y	DED SAND (sp) R 6/3); about 90)% medium-grained sand; about 10	% fine- to	
-	-			92	14.3 14.5		coarse-grained gr POORLY-GRAD Pale brown (10Y gravel; dry; faint	DED SAND WIT (R 6/3); about 75		% coarse-grained	
)	- 794			60	8.8		POORLY-GRAD Brown (10YR 4/ gravel; moist; fair	3); about 75% c	H GRAVEL (sp) oarse-grained sand; about 25% fine	- to coarse-grained	
- 0 -	- 784			65	223.0 139.0		POORLY-GRAD Very pale brown gravel; wet; faint	(10YR 7/3); abo	out 90% coarse-grained sand; abou	t 10% fine-grained	
-	-						Bottom of boring	at 33 feet.			



ENB	LN13	MP312	2 Valve	Site	Client: Enbridge	e Energy LP	Location: Fort Atkinson, WI	Boring Log: RW-	-02
akota T	echnol	ogies/C	Cody E	ystad	Drill Start Date:	: 6/16/2021	Drill End Date: 6/16/2021	Drill Method: Ho	llow Stem Auger
Cal John	son				Total Depth (ft)	: 33	Bore Diameter (in): 8	Ground Surface (ft-msl): 814.50
(X/Y): 2	26997	3.01/33	33885.	2	Well Permit Nu	mber: NA		Top-of-Casing (ft	-msl): 814.2
			W	ell Constru	1 1			Annulus	
	hedule	40 PV	C Scre	en	Diameter (in) 2 2	Depth (ft) 17 to 32 0 to 17	Filter Pack: 20/40 Sand Seal: Fine-sand Seal		Depth (ft) 16 to 33 15 to 16 6 to 15 1 to 6
ype	ab Sample Interval	ecovery (%)	tõD	raphic Log	Notes: Lithology and field				Well
É	Ľ	R	~	5	Current Careford		ysical Description		
		37	3.3		POORLY-GRAI Very pale brown fine-grained sand	DED GRAVEL W (10YR 7/3); ab d; dry; no odor.	out 80% fine- to coarse-grained gra	wel; about 20%	
		52	2.0 2.9		Dark brown (10	YR 3/3); about 1	0% fine- to coarse-grained gravel;	moist; no odor.	
		63	24.3		Pale brown (10Y coarse-grained g POORLY-GRAI	(R 6/3); about 9(ravel; dry; no od DED SAND (sp)	or.		
		75	41.0		gravel; moist; fai	DED SAND (sp)			
		63	12.7 304.7		gravel; moist; mo	oderate odor.			
		80	119.7 158.0		POORLY-GRAI Very pale brown	DED SAND (sp) a (10YR 7/3); coa	arse-grained sand; wet; strong odor		
					Bottom of boring	at 33 feet.			
	akota T Cal John X/Y): 2	akota Technol Cal Johnson X/Y): 226997 Materinch Schedule ale 40 PVC Ri	akota Technologies/C cal Johnson X/Y): 2269973.01/3 Material inch Schedule 40 PV le 40 PVC Riser addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí. addí	akota Technologies/Cody E Sal Johnson W Material inch Schedule 40 PVC Scree addi Image: Cody of the second seco	X/Y): 2269973.01/333885.2 Well Constru Material inch Schedule 40 PVC Screen ale 40 PVC Riser alt inch Schedule 40 PVC Screen alt inch Schedule 40 PVC Riser alt inch Schedule 40 PVC Riser alt inch Schedule 40 PVC Screen alt inch Schedule 40 PVC Riser alt inch Schedule 40 PVC Ris	akota Technologies/Cody Eystad Drill Start Date al Johnson Total Depth (ft) XY): 2269973.01/333885.2 Well Permit Nu Material Diameter (in) inch Schedule 40 PVC Riser Diameter (in) inch Schedule 40 PVC Riser See 1 inch Schedule 40 PVC Riser See 1 Diameter (in) inch Schedule 40 PVC Riser See 1 See 1 inch Schedule 40 PVC Riser GO See 1 See 1 inch Schedule 40 PVC Riser GO See 1 See 1 See 1 inch Schedule 40 PVC Riser GO See 1 See 1 See 1 See 1 See 1 industry of the see 1 industry of the see 1 See 1	akota Technologies/Cody Eystad Drill Start Date: 6/16/2021 al Johnson Total Depth (ft): 33 XY): 2269973.01/333885.2 Well Construction Material Diameter (in) Depth (ft) inch Schedule 40 PVC Screen 2 17 to 32 ile 40 PVC Riser 0 2 0 to 17 One Operation Notes: Lithology and field screening results inch Schedule 40 PVC Riser 0 0 0 ile 40 PVC Riser 0 0 0 0 ile 52 0 0 0 0 ile 63 14.1 POORLY-GRADED SAND (sp) ile 52 2.9 <	akota Technologies/Cody Eystad I ofill Start Date: 6/16/2021 I prill End Date: 6/16/2021 I prill End I pril	akata Technologies/Cody Eystad Drill Start Date: 6/16/2021 Drill End Date: 6/16/2021 Drill Method: Ho al Johnson Total Johnson Total Depth (ft): 33 Bore Diameter (in): 8 Cround Surface (XV): 2:0973.01.333885.2 Well Pernit Number: NA Top-of-Casing (ft Well Censtruction Annulus Material Material Diameter (in) Depth (ft) Filter Pack: 2040 Sand Seat: Filter-Sand Seal Other: Hydrated Benconite Chips Clean Sand Backfill Other: Hydrated Benconite Chips Clean Sand Backfill Clean Sand Bac



Drilled By: Da Logged By: Ca Coordinates (X Screen: 0.01-ir Riser: Schedul	al Johns		ogies/C	Cody E	ystad	Dwill Start Data				
Coordinates (X Screen: 0.01-ir		son					: 6/17/2021	Drill End Date: 6/17/2021	Drill Method: Hollow S	6
Screen: 0.01-ir	X/Y): 22					Total Depth (ft)		Bore Diameter (in): 8	Ground Surface (ft-ms	,
		26992	8.9/333			Well Permit Nu	mber: NA		Top-of-Casing (ft-msl):	: 814.24
		Mater	ial	W	ell Constru	Diameter (in)	Depth (ft)	Material	Annulus	Depth (ft)
Other:	nch Sch	edule	40 PV	C Scre	en	2 2	17 to 32 0 to 17	Filter Pack: 20/40 Sand Seal: Fine-sand Seal Other: Hydrated Bentonite Chips Clean Sand Backfill		16 to 33 15 to 16 6 to 15 1 to 6
Depth (ft) Elevation (ft-msl)	be	Lab Sample Interval	Recovery (%)	PID (ppm)	Graphic Log	Notes: Lithology and field	d screening results ba	sed on IS-21 data.		Well
Del	Type	Lal	Rec	IId	Gra		-	ical Description		
+			56	1.5 1.6		Very pale brown sand; dry; no od LEAN CLAY W	DED GRAVEL WI (10YR 7/3); fine- or. ITH GRAVEL (cl)	to coarse-grained gravel; about 20	% fine-grained	
	\mathbf{A}	-	33	2.4		SANDY FAT C	LAY WITH GRAV	e-grained gravel; moist; no odor. <i>EL (ch)</i> /2); about 10% fine- to coarse-grai	ned gravel; wet; no	
		-	72	21.2 49.3		Brown (10YR 4) POORLY-GRAI	DED SAND WITH	e-grained gravel; dry; no odor.	/ fine to	
		-	83	35.8 10.9		POORLY-GRAI	ravel; dry; no odor			
20 - 795			66	450.0		Pale brown (10) gravel; moist; fai	(R 6/3); about 90%	6 medium-grained sand; about 109	% fine-grained	
		-		278.0		wet; moderate or	/R 6/3); about 90% dor.	% coarse-grained sand; about 10%	fine-grained gravel;	
	$\sum_{i=1}^{n}$	-	65	261.0		POORLY-GRA1 Very pale brown gravel; wet; stron	n (10YR 7/3); abou	t 90% coarse-grained sand; about	10% fine-grained	
+						Bottom of boring	at 33 feet.			



3	a i vain	e: ENB	LNI3	MP312	2 Valve	e Site	Client: Enbridge	e Energy LP	Location: Fort Atkinson, WI	Boring Log: RW-04	
	·	Dakota T		logies/C	Cody E	lystad	Drill Start Date:		Drill End Date: 6/17/2021	Drill Method: Hollow	-
		Cal Johr					Total Depth (ft)		Bore Diameter (in): 8	Ground Surface (ft-ms	,
oord	inates	(X/Y): 2	226993	8/3338			Well Permit Nu	mber: NA		Top-of-Casing (ft-msl)	: 814.4
			Mate	rial	W	ell Construc	ction Diameter (in)	Depth (ft)	Material	Annulus	Depth (ft
	Sched	-inch Sc ule 40 F	hedule	40 PV	C Scre	een	2 2	17 to 32 0 to 17	Filter Pack: 20/40 Sand Seal: Fine-sand Seal Other: Hydrated Bentonite Chips Clean Sand Backfill		16 to 33 15 to 16 6 to 15 1 to 6
Depth (It)	Elevation (ft-msl)	Type	Lab Sample Interval	Recovery (%)	PID (ppm)	Graphic Log	Notes: Lithology and field	d screening results b			Well
ž	Ξ	£	L	Ř	Id	Ū	~		sical Description		_
_				35	30.1 34.9		Pale brown (10) GRAVELLY LE Dark brown (10)	DED GRAVEL W VR 6/3); fine- to c	5% fine- to coarse-grained gravel; a	bout 10%	
-	_			45	29.6 21.4		SANDY LEAN	CLAY (cl)	3/2); about 5% fine- to coarse-grain	ed gravel; wet; no	
- (- 805 -			70	26.0 41.0		Brown (10YR 4)	/3); dry; no odor. CLAY WITH GR	<i>TTH SILT (gp-gm)</i> <i>AVEL (cl)</i> ne- to coarse-grained gravel; moist;	no odor.	
_	_			73	26.0 31.3	• S an	Brown (10YR 5/ gravel; dry; no o POORLY-GRAI	dor. DED GRAVEL W	H GRAVEL (sp) edium-grained sand; about 15% fin TTH SILT (gp-gm) rse-grained gravel; dry; no odor.	e- to coarse-grained	
) -	- 795			58	98.9		POORLY-GRAI Brown (10YR 5/ no odor.	DED SAND (sp) /3); about 95% co	arse-grained sand; about 5% fine-g	grained gravel; moist;	
_	_			66	113.8		moist; fàint odor	/3); about 95% m :- DED SAND WITT	edium-grained sand; about 5% fine H GRAVEL (sp) arse-grained sand; about 15% fine-		
) —	- 785				1493		C				
-	-						Bottom of boring	g at 33 feet.			



roject i tali	e: ENB	LN13	MP312	2 Valve	Site	Client: Enbridge	e Energy LP	Location: Fort Atkinson, WI	Boring Log: RW-08	5
Drilled By: I	Dakota 7	Technol	ogies/0	Cody E	ystad	Drill Start Date:	6/16/2021	Drill End Date: 6/16/2021	Drill Method: Hollo	w Stem Auger
logged By:	Cal Johr	ison				Total Depth (ft)	: 33	Bore Diameter (in): 8	Ground Surface (ft-	msl): 814.88
Coordinates	(X/Y): 2	226995	6.16/3	33872.	42	Well Permit Nu	mber: NA		Top-of-Casing (ft-m	ISI): 814.4
				W	ell Constru	ction			Annulus	
Screen: 0.01 Riser: Sched Other:			40 PV	C Scre	en	Diameter (in) 2 2	Depth (ft) 17 to 32 0 to 17	Material Filter Pack: 20/40 Sand Seal: Fine-sand Seal Other: Hydrated Bentonite Chips Clean Sand Backfill		Depth (ft) 16 to 33 15 to 16 6 to 15 1 to 6
Depth (ft) Elevation (ft-msl)	Type	Lab Sample Interval	Recovery (%)	PID (ppm)	Graphic Log	Notes: Lithology and field	d screening results b	vased on IS-8 data. rsical Description		Well
						Ground Surface				
+			37	8.4 12.0		Light yellowish-	CLAY WITH GR); fine- to coarse-grained gravel; d	•	
10 - 805			27	13.7 15.3						
-			67	16.8 21.5		POORLY-GRAL Pale brown (10Y gravel; moist; no	DED SAND WIT (R 6/3); about 70 odor.	H GRAVEL (sp) % medium-grained sand; about 30	% coarse-grained	
+			80	156.7 405.6		Brown (10YR 5/ dry; no odor.		H GRAVEL (sp) edium-grained sand; about 20% co	parse-grained gravel;	
20 + 795	\square					POORLY-GRAL Brown (10YR 5/	/3); about 90% m	edium-grained sand; about 10% fi	ne-grained gravel;	
+			60	39.1 60.9		dry; faint odor.				
+			68	141.8 70.4		POORLY-GRAL Pale brown (10Y wet; strong odor	D ED SAND WIT /R 6/3); about 80	H GRAVEL (sp) % coarse-grained sand; about 20%	fine-grained gravel;	
						Bottom of boring	at 33 feet.			



Proje	ct Nam	e: ENB	LN13	MP312	2 Valve	e Site	Client: Enbridg	e Energy LP	Location: Fort Atkinson, WI	Boring Log: RW-06	
Drille	d By: I	Dakota 🛛	Techno	logies/0	Cody E	ystad	Drill Start Date	: 6/17/2021	Drill End Date: 6/17/2021	Drill Method: Hollow	Stem Auger
		Cal Joh					Total Depth (ft)		Bore Diameter (in): 8	Ground Surface (ft-ms	l): 814.69
Coord	linates	(X/Y): 2	226992	27.07/3			Well Permit Nu	mber: NA		Top-of-Casing (ft-msl)	: 814.4
					W	ell Construc				Annulus	
	: Sched	-inch Sc ule 40 I		40 PV	'C Scre	en	Diameter (in) 2 2	Depth (ft) 17 to 32 0 to 17	Material Filter Pack: 20/40 Sand Seal: Fine-sand Seal Other: Hydrated Bentonite Chips Clean Sand Backfill		Depth (ff) 16 to 33 15 to 16 6 to 15 1 to 6
Depth (ft)	Elevation (ft-msl)	Type	Lab Sample Interval	Recovery (%)	PID (ppm)	Graphic Log	Notes: Lithology and fiel		based on IS-13 data. ysical Description		Well
	_						Ground Surface	9			
-	-			38	15.8 16.2		Pale brown (10) fine-grained san	d; dry; no odor.	0% fine- to coarse-grained gravel; a	\neg	
_	-			8	38.2		POORLY-GRA Pale brown (10) fine-grained san	DED GRAVEL W	VITH SAND (gp) 9% fine- to coarse-grained gravel; a		
0 -	- 805						Brown (10YR 4 gravel; moist; no	/3); about 70% n	nedium-grained sand; about 30% fi	ne- to coarse-grained	
_	-			58	1102 1100		SANDY LEAN Dark grayish-br POORLY-GRAN Very pale brown	CLAY WITH GR own (10YR 4/2); DED SAND WIT n (10YR 7/3); abo	about 30% coarse-grained gravel; H GRAVEL (sp) put 70% medium-grained sand; abo		
_	_			55	1512 1619	200 000	V POORLY-GRAD	gravel; dry; faint o DED GRAVEL (2 1 (10YR 8/3); coa			
- 0 -	- 795			63	515.4 748.6		POORLY-GRA Brown (10YR 4 gravel; moist; fa	DED SAND (sp) /3); about 90% n int odor.	nedium-grained sand; about 10% fi	ne- to coarse-grained	
-	- 785			75	424.9 341.1		Pale brown (10)	DED SAND (sp) YR 6/3); about 9(gravel; wet; mode	0% coarse-grained sand; about 10% rate odor.	o fine- to	
_	_						Bottom of boring	g at 33 feet.			
/SP U							bouom of boring	<i>g ul 55 jeel.</i>			



rojec	t Nam	e: ENB	LN13	MP312	2 Valve	Site	Client: Enbridge	e Energy LP	Location: Fort Atkinson, WI	Boring Log: RW-07	
Drilled	By: D	Dakota T	echnol	logies/0	Cody E	ystad	Drill Start Date	: 6/16/2021	Drill End Date: 6/16/2021	Drill Method: Hollow	Stem Auger
oggeo	l By: (Cal Johr	ison				Total Depth (ft)): 33	Bore Diameter (in): 8	Ground Surface (ft-m	sl): 814.97
oordi	inates	(X/Y): 2	226993	9.29/3	33867.	15	Well Permit Nu	mber: NA		Top-of-Casing (ft-ms): 814.8
					W	ell Constru	ction			Annulus	
	Sched	inch Sc ule 40 F		40 PV	'C Scre	en	Diameter (in) 2 2	Depth (ft) 17 to 32 0 to 17	Material Filter Pack: 20/40 Sand Seal: Fine-sand Seal Other: Hydrated Bentonite Chips Clean Sand Backfill		Depth (ft) 16 to 33 15 to 16 6 to 15 1 to 6
Depth (It)	Elevation (ft-msl)	Type	Lab Sample Interval	Recovery (%)	PID (ppm)	Graphic Log	Notes: Lithology and field	d screening results	pased on IS-2 data. y sical Description		Well
	_						Ground Surface	2			
+	-			25	16.3 15.0		Pale brown (10) sand; dry; no od	lor. DED SAND WIT	% coarse-grained gravel; about 20		
-	-			53	16.5 7.3		no odor.	/ <i>5)</i> , about 8070 C	Jarse-granieu sanu, auout 2070 min	-grained graver, dry,	
0 +	- 805			57	65.2 48.7		Dark grayish-br	DED SAND WIT YR 6/3); about 65	about 5% fine-grained gravel; moi		
-	-			75	19.4 20.4	<u>Pak</u>	Very pale brown POORLY-GRAI Brown (10YR 5	n (10YR 8/3); coa DED SAND (sp) /3); about 90% n	WITH SILT (gp-gm) Irse-grained gravel; dry; no odor. nedium-grained sand; about 10% fi	ne-grained gravel;	
) + + +	- 795			60	738.9 365.1		moist; moderate	odor.			
+	- - - 785			75	143.5 857.1		Pale brown (10)	DED SAND WIT YR 6/3); about 65 gravel; wet; strong	% coarse-grained sand; about 35%	ó fine- to	
+	-						Bottom of boring	g at 33 feet.			



Project	t Nam	e: ENB	LN13	MP312	2 Valve	Site	Client: Enbridge	e Energy LP	Location: Fort Atkinson, WI	Boring Log: RW-08	
Drilled	By: D	akota T	Technol	logies/0	Cody E	ystad	Drill Start Date:	: 6/15/2021	Drill End Date: 6/15/2021	Drill Method: Hollow	v Stem Auger
		Cal Johr					Total Depth (ft)		Bore Diameter (in): 8	Ground Surface (ft-n	
Coordi	nates	(X/Y): 2	226995	0.04/3			Well Permit Nu	mber: NA		Top-of-Casing (ft-ms	i): 814.8
					W	ell Constr				Annulus	
		inch Sc ule 40 F	PVC Ri	40 PV	C Scre	en	Diameter (in) 2 2	Depth (ft) 17 to 32 0 to 17	Materia Filter Pack: 20/40 Sand Seal: Fine-sand Seal Other: Hydrated Bentonite Chips Clean Sand Backfill		Depth (ft 16 to 33 15 to 16 6 to 15 1 to 6
Depth (ft)	Elevation (ft-msl)	Type	Lab Sample Interval	Recovery (%)	PID (ppm)	Graphic Log	Notes: Lithology and field				Well
<u>-</u> +	E	E	Г	~	-		Ground Surface		ysical Description		_
				25	16.3 15.0	> • • • • • • • • • • • • • • • • • • •	WELL-GRADE Pale brown (10Y sand. POORLY-GRAI	D GRAVEL WI (R 6/3); about 8(DED SAND WI	0% coarse-grained gravel; about 20 TH GRAVEL (sp)		
+	-			53	16.5 7.3		Brown (10YR 5/	(3); about 80% c	oarse-grained sand; about 20% find	e-grained gravel.	
0 +	- 805			57	65.2 48.7		POORLY-GRAI	own (10YR 4/2) DED SAND WIT	about 5% fine-grained gravel.	5% coarse-grained	
-	-			75	19.4 20.4		Very pale brown POORLY-GRAL	(10YR 8/3); cos DED SAND (sp)	WITH SILT (gp-gm) arse-grained gravel. nedium-grained sand; about 10% fi	ine-grained gravel.	
0 +	- 795			60	738.9 365.1						
	- 785			75	143.5 857.1		POORLY-GRAL Pale brown (10Y coarse-grained g	(R 6/3); about 6:	T H GRAVEL (sp) 5% coarse-grained sand; about 35%	% fine- to	
							Bottom of boring	at 33 feet.			



	l I lam	e: ENB	LN13	MP312	Valve	e Site	Client: Enbridg	e Energy LP	Location: Fort Atkinson, WI	Boring Log: RW-09	
	·	Dakota T		ogies/C	Cody E	ystad	Drill Start Date		Drill End Date: 6/15/2021	Drill Method: Hollow	-
		Cal Johr					Total Depth (ft)	-	Bore Diameter (in): 8	Ground Surface (ft-ms	
Coord	linates	(X/Y): 2	26992	8.06/33			Well Permit Nu	imber: NA		Top-of-Casing (ft-msl)	: 814.8
			Mate	rial	W	ell Construct	tion Diameter (in)	Donth (ft)	Material	Annulus	Depth (ft)
	Sched	-inch Sc ule 40 P	hedule	40 PV	C Scre	en	2 2	Depth (ft) 17 to 32 0 to 17	Filter Pack: 20/40 Sand Seal: Fine-sand Seal Other: Hydrated Bentonite Chips Clean Sand Backfill		16 to 33 15 to 16 6 to 15 1 to 6
Depth (ft)	Elevation (ft-msl)	e	Lab Sample Interval	Recovery (%)	PID (ppm)	Graphic Log	Notes: Lithology and fiel	d screening results ba	ased on IS-19 data.		Well
Del	Ele	Type	Lat	Rec	PIL	Gra		Phys	sical Description		
	_			25	1.4 1.7		POORLY-GRA	L (ol/oh) (/3); moist; no odor DED SAND WITH YR 6/3); about 809		ne-grained gravel;	
_	_			53	36.8 44.1		POORLY-GRA Brown (10YR 4 moist; no odor. SANDY LEAN	DED SAND WITH (/3); about 80% fin CLAY (cl)	I GRAVEL (sp) e-grained sand; about 20% fine-gr grained sand; moist; no odor.	ained gravel; loose;	-
	- 805			57	18.2 25.5		Brown (10YR 5 loose; moist; no	odor. DED GRAVEL (g	edium-grained sand; about 10% fir) loose; moist; no odor.	e-grained gravel;	-
_	_			75	5.2 64.5		Olive brown (2 loose; moist; no WELL-GRADE	odor.	% medium-grained sand; about 5%		
20 -	- 795			72	9.5 305		Olive brown (2 loose; moist; fair	nt odor.	% coarse-grained sand; about 5% f	ine-grained gravel;	
-	-			72	380		loose; moist; mo	5Y 4/4); about 959 oderate odor. DED SAND (sp) 5Y 4/4); about 959	% medium-grained sand; about 5%		
30 -	- 785										
-	_						Bottom of boring	g at 33 feet.			



3	t Ivam	e: ENB	LN13	MP312	2 Valve	Site	Client: Enbridge	e Energy LP	Location: Fort Atkinson, WI	Boring Log: RW-	10
rilled	I By: E	Environr	nental	Works/	Josh Pa	arks	Drill Start Date	: 8/13/2021	Drill End Date: 8/13/2021	Drill Method: Rot	osonic
ogge	d By: 1	Matt Gr	ady				Total Depth (ft)): 33	Bore Diameter (in): 6	Ground Surface (f	ˈt-msl): 814.80
oord	inates	(X/Y): 2	26990	8.08/3	33864.	97	Well Permit Nu	mber: NA		Top-of-Casing (ft-	msl): 814.36
					W	ell Constru	uction			Annulus	
	Sched	-inch Sc ule 40 F		40 PV	C Scre	en	Diameter (in) 4 4	Depth (ft) 17 to 32 0 to 17	Material Filter Pack: 20/40 Sand Seal: Fine-sand Seal Other: Hydrated Bentonite Chips Clean Sand Backfill		Depth 16 to 15 to 6 to 1 1 to
Depth (It)	Elevation (ft-msl)	Type	Lab Sample Interval	Recovery (%)	PID (ppm)	Graphic Log	Notes:	Dhy	sical Description		Wei
-		-	Ι	<u> </u>	<u> </u>		Ground Surface				
-	-			35	0.6 0.4		POORLY-GRAI	DED SAND (sp)	n-grained sand; loose; moist; no od	or.	5
	- - 805			72	1.6 4.4		<i>SANDY SILT (n</i> Dark brown (7.5 odor.		i-grained sand; about 5% fine-grain	ned gravel; moist; no	
_	-			60	6.3 51.6		<i>SILTY SAND (s</i> Light brown (7.:	m) 5 YR 6/3); mediur	n grain sand; loose; 3% gravel inci	rease to 5% gravel	[13]
-	-			60	52.8 42.2		with depth; 1%	cobbles increase to	n grain sand; loose; 3% gravel incr o 5% with depth; moist; strong ode	er at 19 ftbgs.	
0 +	- 795 -	\bigvee		65	30.9		SANDY SILT (n Dark brown (7.5 gravel; moist; no	5ÝR 3/2); about 9.	5% medium-grained sand; about 5	% fine-grained	
	-	$\left\langle \right\rangle$			233.1		SILTY SAND (s Light brown (7.: gravel; loose; mo	5YR 6/3); about 9	6% medium-grained sand; about 3	% coarse-grained	
+	-			65	228.7		<i>WELL-GRADE</i> . Light brown (7.: coarse-grained g		6% fine- to medium-grained sand; moderate odor.	about 3%	30
0 -	- 785						SANDY SILT (n Dark brown (7.5 gravel; wet; no c	5ÝR 3/2); about 9	7% medium-grained sand; about 3	% fine-grained	33
+	-						Bottom of boring	g at 33 feet.			



Project Name: ENB LN13 MP312 Valve Site					2 Valve	Site	Client: Enbridge	e Energy LP	Location: Fort Atkinson, WI Boring Log: RV		(-11		
Drilled By: Environmental Works/Josh Parks						urks	Drill Start Date	: 8/13/2021	Drill End Date: 8/13/2021	Drill Method: Rote	osonic		
ogge	d By: 1	Matt Gr	ady				Total Depth (ft)	: 33	Bore Diameter (in): 6	Bore Diameter (in): 6 Ground Surface (ft-			
Coordinates (X/Y): 2269911.02/333833.97					33833.	97	Well Permit Nu	mber: NA		Top-of-Casing (ft-	msl): 814.39		
					W	ell Constru	iction			Annulus			
	Sched	-inch Sc ule 40 F		40 PV	C Scre	en	Diameter (in) 4 4	Depth (ft) 17 to 32 0 to 17	Material Filter Pack: 20/40 Sand Seal: Fine-sand Seal Other: Hydrated Bentonite Chips Clean Sand Backfill		Depth (fr 16 to 33 15 to 16 6 to 15 1 to 6		
Deptn (1t)	Elevation (ft-msl) Elevation (ft-msl) Recovery (%) PID (ppm) Craphic Log Graphic Log Bhild (ppm) Physical Description								Well				
_				57	2.2	1/2 · · · · · · · · · · · · · · · · · · ·	SANDY SILT (n Brown (7.5YR 5 ORGANIC SOL	Ground Surface SANDY SILT (ml) Brown (7.5YR 5/3); medium-grained sand; loose; moist; no odor. ORGANIC SOIL WITH SAND (ol/oh)					
-	-			55	4.1 3.7 8.2		Brown (7.5YR 5 SILTY SAND (s Light brown (7.5	i/3); medium-grain	ned sand; about 1% fine-grained g		5		
- (- 805 - -			58	19.0 27.8								
	- 705			52	38.7 91.2								
-	- 795 - -			63	179.5 88.2		<i>WELL-GRADE</i> . Light brown (7.5 no odor.	D SAND (sw) 5YR 6/3); fine-gra	ined sand; about 1% fine-grained	gravel; loose; moist;			
-	-			63	194.9 129.6		POORLY-GRADED SAND (sp) Light brown (7.5YR 6/3); fine- to medium-grained sand; about 1% fine-grained gravel; loose; wet; no odor.						
,	- 785	\boxtimes		100	292.5		Bottom of boring	at 23 fact			33		
PU	SA						bouom of vorting	ш ээ јеег.			Page 1		

	Natershed/Wastewater 🗔 Remediation/Redevelopment 🔀	Waste Management	MONITORING WELL CONSTRUCTION Form 4400-113A Rev. 7-98
			Well Name
Line 13 MP 312 Valve Site	Local Grid Location of Well	N. □ E. Sft. □ W.	RW-01
Facility License, Permit or Monitoring No.	Local Grid Origin 🛛 (estimat	ed:) or Well Location ong. 'or	Wis. Unique Well No. DNR Well ID No.
Facility ID	St. Plane <u>2269950</u> ft. N, Section Location of Waste/Sour	333898ft. ES/C/N	Date Well Installed $0 \frac{6}{1} \frac{7}{2} \frac{2}{2} \frac{1}{2}$
Type of Well		ШE	
Well Code 64 / le	<u>NW</u> 1/4 of <u>SW</u> 1/4 of Sec, 8		Cody Eystad
Distance from Waste/ Enf. Stds.	Location of Well Relative to Wa	aste/Source Gov. Lot Number Sidegradient	
Source 25 ft. Apply		Not Known	Dakota Technologies
<u> </u>	ft. MSL	1. Cap and lock?	X Yes D No
	²⁰ ft. MSL	2. Protective cover a. Inside diamete	pipe:
5, 1		b. Length:	$\begin{array}{c} \underline{-1} \\ \underline{-1} \\$
C. Land surface elevation	⁴⁶ ft. MSL	c. Material:	$ \underbrace{ }_{\text{Steel}} _{\text{Steel}} _{\text{Steel}} _{\text{Steel}} _{\text{Steel}} _{\text{Steel}} \underbrace$
D. Surface seal, bottom ft. MS	SLor $_$ $_$ $_$ ft.	C. Material.	Other 🗆
12. USCS classification of soil near screet	\$2537C 3*1		
	NH	d. Additional pro	
	SW D SP 🛛 CL D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D	If yes, describ	
Bedrock		3. Surface scal:	Bentonite \Box 30
l	Yes 🛛 No		Concrete 🖾 01
			Other 🗆 🦷
8	tary 50	4. Material between	n well casing and protective pipe:
Hollow Stem Au			Bentonite \Box 30
o	ther	clean sand	Other 🖾 🏬
		5. Annular space se	
15. Drilling fiuid used: Water 0 2	Air \Box 01	bLbs/gal :	mud weight Bentonite-sand slurry 🛛 35
Drilling Mud 🗆 0 3	None 2 99		mud weight Bentonite slurry 🗖 31
16. Drilling additives used?	Yes 🛛 No		nite Bentonite-cement grout \Box 50
		e. <u>3</u> Ft	³ volume added for any of the above
Describe N/A		$\underset{f.}{}$ How installed	I: Tremie \Box 01
17. Source of water (attach analysis, if requ		88.	Tremie pumped 🗖 02
• • • •	ined):	88	Gravity 🛛 08
N/A		6. Bentonite seal:	a. Bentonite granules 🔲 33
		b. □1/4 in. ⊠	13/8 in. \Box 1/2 in. Bentonite chips \boxtimes 3 2
E. Bentonite seal, topft. MS	$L \text{ or } ___\ft.$	С	Other 🗆 🎬
F. Fine sand, top	SL or $_$ $\frac{15}{15}$ ft.	CO24 /	al: Manufacturer, product name & mesh size
-		a. Fine Silica	Sand
G. Filter pack, top ft. MS	Lor $_$ $\frac{16}{16}$ ft.	b. Volume adde	d 0.5 ft ³
			rial: Manufacturer, product name & mesh size
H. Screen joint, top ft. MS	L or $_{_{_{_{_{_{_{_{_{_{_{_{_{_{_{_{_{_{_{$	a. 20/40 Silic b. Volume adde	a Sand
I. Well bottom ft. MS	SL or <u>32</u> _ ft.	9. Well casing:	Flush threaded PVC schedule 40 \boxtimes 23
			Flush threaded PVC schedule 80 🔲 24
J. Filter pack, bottom ft. MS	L or $_$ $_$ 33 $_$ ft.		Other 🛛 🏬
		10. Screen material:	
K. Borehole, bottom ft. MS	L or $_ _ \frac{33}{_}$ ft.	a. Screen type:	Factory cut 🖾 11
		3	Continuous slot \Box 01
L. Borehole, diameter $-\frac{8}{-}$ in.		····	Other 🗆 🔛
		b. Manufacturer	case and
M. O.D. well casing 2.375		c. Slot size:	0. <u>0 1 0</u> in.
-		d. Slotted lengt	h: _ <u>15</u> _ft.
N. I.D. well casing 2.067 in.		11. Backfill materia	l (below filter pack): None 🖾 14
			Other 🗆 🐘
I hereby certify that the information on this	form is true and correct to the b	est of my knowledge.	
Signature	Firm		
0	WSP		

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin Department of Natural Resources

MONITORING	WELL DEVELOPMENT
Form 4400-113B	Rev. 7-98

Route to: Watershee	water	Waste Management	t 🗖		
Remediat	ion/Rede	evelopment 🛛	Other 🗌		
Facility/Project Name Line 13 MP 312 Valve Site		County Name	Jefferson	Well Name RW-01	
Facility License, Permit or Monitoring Number		County Code	Wis. Unique Well N	lumber DNR W	ell ID Number
 Can this well be purged dry? Well development method surged with bailer and bailed 	□ Ye	s □ No	11. Depth to Water (from top of well casing)		t After Development
surged with barler and barled surged with block and bailed surged with block and pumped surged with block, bailed and pumped		5 1 5 2 5 2 7 0	Date		$\overline{y} \overline{y} \overline{m} \overline{m}' \overline{d} \overline{d}' \overline{y} \overline{y} \overline{y} \overline{y}$
compressed air bailed only pumped only pumped slowly		20	Time 12. Sediment in well bottom		□ a.m. : □ p.m. inches
Other3. Time spent developing well		min.	13. Water clarity	Clear 📋 1 0 Turbid 🗆 1 5 (Describe)	Clear 20 Turbid 25 (Describe)
4. Depth of well (from top of well casisng) _		ft.			
5. Inside diameter of well	• -	in.			
		gal.	Fill in if drilling flui	ds were used and well is	at solid waste facility:
		gal.	14. Total suspended solids	mg/l	mg/l
9. Source of water added			15. COD	mg/l	mg/l
 Analysis performed on water added? (If yes, attach results) 	□ Ye	es 🗆 No	16. Well developed b First Name: Firm:	by: Name (first, last) and Fir Last Nar	
			L		

17. Additional comments on development:

Well was not developed due to presence of free product.

Name and Address of Facility Contact /Owner/Responsible Party First Last Name: Karl	I hereby certify that the above information is true and correct to the best of my knowledge.				
Facility/Firm:Enbridge Energy LP	Signature: Huff				
Street: 11 East Superior St, Suite 125	Print Name: Timothy Huff				
City/State/Zip: Duluth, MN 55802	Firm: WSP				

NOTE: See instructions for more information including a list of county codes and well type codes.

	Natershed/Wastewater 🗔 Remediation/Redevelopment 🔀	Waste Manag		MONITORING WELL Form 4400-113A	CONSTRUCTION Rev. 7-98
	Level Cold Leveling of Wall			Well Name	
Line 13 MP 312 Valve Site	ft.	⊐N. ⊐S	ft. 🗆 E.	RW-02	
Facility License, Permit or Monitoring No.	Local Grid Origin 🔲 (estim			Wis. Unique Well No.	DNR Well ID No.
Facility ID	St. Plane 2269973 ft. M Section Location of Waste/So	N, <u>333885</u>	ftE. <u>S/</u> C/N	Date Well Installed 0 6 / m m	$\frac{1}{d} \frac{6}{2} \frac{2}{2} \frac{0}{2} \frac{2}{1}$
Type of Well			N, R14 □ W	Well Installed By: Nam	
Well Code 64 / le	<u>NW</u> 1/4 of <u>SW</u> 1/4 of Sec			Cody Eystad	
Distance from Waste/ Enf. Stds.	Location of Well Relative to V u Upgradient s	Waste/Source (Sidegradient	Gov. Lot Number		
Source 35 ft. Apply		Not Known		Dakota Technologi	ies
111	ft. MSL		Cap and lock?		Yes 🗆 No
	20 ft. MSL	2.1	Protective cover p a. Inside diameter	•	 <u>8</u> in.
	50 c) (ct		b. Length:	•	ft.
C. Land surface elevation	⁵⁰ ft. MSL		c. Material:		Steel \square 04
D. Surface seal, bottom ft. MS	SL or _ 1 ft.		c. Material.		Other 🗆 🧾
12. USCS classification of soil near screen			d. Additional prot	tection?	□ Yes ⊠ No
	sw□ sp ⊠ \	IB N	If yes, describe		
			II yes, deserred		Bentonite 🛛 30
Bedrock		3.	Surfacc scal:		Bentonite \square 30 Concrete \square 01
13. Sieve analysis performed?	Yes 🛛 No				
					Other 🗆 🧾
0	tary □ 50	4.	Material between	well casing and protectiv	
Hollow Stem Au			clean sand		Bentonite 🗆 30
0	ther 🗆 🎆				Other 🖾 🧾
15 Delling finid model Water D 0.2	Air 🗆 01	5.	Annular space sea		
15. Drilling fiuid used: Water □ 0 2 Drilling Mud □ 0 3	0004	📓 Ь.		nud weight Bentonite-	
	None 299	С.		nud weight Bento	
16. Drilling additives used?	Yes 🛛 No	d.		ite Bentonite-ce	
		🐹 е.	<u> </u>	⁵ volume added for any o	
Describe N/A		🗱 f.	How installed:		Tremie 🗖 01
17. Source of water (attach analysis, if requ	uirad)			Trem	ie pumped 🗖 02
N/A	med).				Gravity 🛛 08
	🕅	KOC4	Bentonite seal:		te granules 🔲 33
		1	b. □1/4 in. ⊠:	3/8 in. 🗆 1/2 in. Bent	tonite chips 🖾 32
E. Bentonite seal, topft. MS	$L \text{ or } ___\ft.$		c		Other 🛛 🎬
F. Fine sand, top ft. MS	SL or <u>15</u> _ ft.	7.		al: Manufacturer, produc	t name & mesh size
			a. Fine Silica		
G. Filter pack, topft. MS	L or $_{-}^{16}$ ft.		b. Volume added	1ft ³	\$
	17	8.	Filter pack materi	ial: Manufacturer, produc	et name & mesh size
H. Screen joint, top ft. MS	$L \text{ or } _ _ _ _ _ _ ft.$	1 1 1 1 1 1	a. 20/40 Silica b. Volume adde d	/	3
I. Well bottom ft. MS	$L \text{ or } _ _ \frac{32}{2} _ \text{ ft.}$	the second se	Well casing:	Flush threaded PVC sch Flush threaded PVC sch	
J. Filter pack, bottomft. MS	L or $\{33}^{33}$ ft.			Sch 40 PVC	Other
K. Borehole, bottom ft. MS	$L \text{ or } _ _ \frac{33}{2} _ \text{ ft.}$		Screen material: a. Screen type:	F	Factory cut 🛛 11
L. Borehole, diameter $-\frac{8}{}$ in.				Conti	nuous slot 🗆 01 Other 🗆 🎆
		λ ι	. Manufacturer		
M. O.D. well casing 2.375 in.		$\langle \rangle$	c. Slot size:		0. <u>01</u> 0in.
2.067		· · ·	1. Slotted length		_ <u>15</u> _ft.
N. I.D. well casing $$ in.		11.	Backfill material	(below filter pack):	None 🖾 14 Other 🗖 🏾
I hereby certify that the information on this	form is true and correct to the	best of my know	ledge.		
Signature	Firm				
Jinimo	WSP)			

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin Department of Natural Resources

MONITORING	WELL DEVELOPMENT
Form 4400-113B	Rev. 7-98

Route to: Watershed/Waste	Waste Management				
Remediation/Red	evelopment 🔀	Other 🕅			
Facility/Project Name	County Name		Well Name		
Line 13 MP 312 Valve Site		Jefferson		RW-02	
Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Nu	umber	DNR Wel	l ID Number
	28				
1. Can this well be purged dry?	es 🗆 No	11. Depth to Water			After Development
2. Well development method		(from top of	a	ft.	ft.
surged with bailer and bailed	41	well casing)			
surged with bailer and pumped	61				
	42	Date	b/	_/	//
	62		$\frac{b}{m} \frac{m}{m} \frac{d}{d} \frac{d}{y} \frac{y}{y} \frac{y}{y} \frac{y}{y} \frac{m}{m} \frac{m}{d} \frac{d}{d} \frac{y}{y} \frac{y}{y}$		
e i i =	70			🗆 a.m.	□ a.m.
	20	Time	c:	p.m.	□ a.m. :□ p.m.
• –	10				
••••	51	12. Sediment in well		inches	inches
	5 0	bottom			
Other		13. Water clarity	Clear 🔲 1		Clear 20
3. Time spent developing well	min.		Turbid 🗆 1 (Describe)		Turbid 2 5 (Describe)
4. Depth of well (from top of well casisng)	ft.				
5. Inside diameter of well	in.				
6. Volume of water in filter pack and well					
	gal.	Fill in if drilling fluid	is were used a	nd well is a	t solid waste facility:
7. Volume of water removed from well	gal.	_			mg/l
8. Volume of water added (if any)	gal.	solids		• ^{mg/1}	mg/1
9. Source of water added		15. COD		mg/l	mg/l
		16. Well developed b	y: Name (first,	last) and Firm	l.
10. Analysis performed on water added? (If yes, attach results)	es 🛛 No	First Name:		Last Name	8:
		Firm:			

17. Additional comments on development:

Well was not developed due to presence of free product.

Name and Address of Facility Contact /Owner/Responsible Party First Last Name: Karl Name: Name:	I hereby certify that the above information is true and correct to the best of my knowledge.				
Facility/Firm:Enbridge Energy LP	Signature: Huff				
Street: 11 East Superior St, Suite 125	Print Name: Timothy Huff				
City/State/Zip:Duluth, MN 55802	Firm: WSP				

NOTE: See instructions for more information including a list of county codes and well type codes.

	Watershed/Wastewater	Waste Mana		MONITORING WELL Form 4400-113A	CONSTRUCTION Rev. 7-98
	Remediation/Redevelopment Local Grid Location of Well ,			Well Name	
	Local Offo Location of Well	□N. □S	$\underline{\qquad}_{ft.} \Box \underline{W}.$	RW-03	
Line 13 MP 312 Valve Site					
Facility License, Permit or Monitoring No.	Local Grid Origin 🔲 (estim	nated:∐) or		Wis. Unique Well No.	DNK WEII ID NO.
	Lat	'Long	°or		
Facility ID	St. Plane 2269928 ft. 1	000004	ft. E. S/C/N	Date Well Installed	4 7 4 0 0 0 4
-		····		$\frac{0.6}{m.m}$	$\frac{1}{d} \frac{7}{2} \frac{2}{2} \frac{0}{2} \frac{2}{1}$
Type of Well	Section Location of Waste/So	Jurce	ΔE	Well Installed By: Nam	e (first, last) and Firm
	<u>NW</u> 1/4 of <u>SW</u> 1/4 of Sec	s <u>8,</u> T . <u>5</u>	. N, R14 □ W	Cody Eystad	
	Location of Well Relative to	Waste/Source	Gov. Lot Number		
Distance from Waste/ Enf. Stds.	u 🗆 Upgradient s [Sidegradient		Dakota Technolog	ies
Source 20 ft. Apply \square	d 🛛 Downgradient n 🛛	Not Known			,100
A. Protective pipe, top elevation	ft. MSL		. Cap and lock?		🛛 Yes 🗖 No
			. Protective cover	pipe:	
B. Well casing, top elevation $ -$	²⁴ ft. MSL /		a. Inside diameter	-	_ <u>8</u> _ in.
814 (61		b. Length:		ft.
C. Land surface elevation	⁶¹ ft. MSL		•		
D. Surface seal, bottom ft. MS	er a fr		c. Material:		Steel 🖾 04
					Other 🛛 📃
12. USCS classification of soil near scree	n:		d. Additional pro	tection?	🗆 Yes 🖾 No
	sw 🗆 sp 🖾 📔 🔪 🚺	 \ \ \ \	If yes, describ	e:	
SM C SC ML MH C	сь сн 🗆 🛛 🕌		•		Bentonite 🛛 30
Bedrock		833 \ 3	. Surfacc scal:		Concrete \square 01
13. Sieve analysis performed?	Yes 🛛 No				Contractor
	222				Other 🗆 🧾
14. Drilling method used: Ro	tary □ 50	4	. Material between	well casing and protectiv	
Hollow Stem At					Bentonite 🗆 30
O	other 🗆 📖 🛛 🗱		clean sand		Other 🖾 🧾
		884 5	. Annular space se	al: a. Granular/Chippe	
15. Drilling fiuid used: Water 🗆 0 2	Air 🗆 01 🛛 🎇			nud weight Bentonite	
	None 🛛 99				
		- 18 C		nud weight Bento	
16. Drilling additives used?	Yes 🛛 No			ite Bentonite-co	
			e. <u> </u>	³ volume added for any o	f the above
N/A			f. How installed		Tremie 🗖 01
Describe N/A				Trem	ie pumped 🔲 02
17. Source of water (attach analysis, if requ	uired):				Gravity 🖾 08
N/A		6	. Bentonite seal:	a. Bentoni	ite granules 🔲 33
	🗱			3/8 in. 🗆 1/2 in. Ben	tonite chips \boxtimes 32
E. Bentonite seal, topft. MS			D. —1/4 III. —		
E. Bentomie sear, top $______$ it we	····· ··· · · · · · · · · · · · · · ·		с		Other 🛛 🏬
	SL or <u>15</u> _ ft.		. Fine sand materia	al: Manufacturer, produc	et name & mesh size
F. Fine sand, top ft. MS	,L or		Fine Silica		:2020201
	16		a		
G. Filter pack, topft. MS	SL or $_$ $_$ $]$ ft. \checkmark		b. Volume added	1ft ²	5
		8	3. Filter pack mater	ial: Manufacturer, produ-	ct name & mesh size
H. Screen joint, top ft. MS	$SL \text{ or } _ _^{17} _ \text{ ft.}$		a 20/40 Silica	a Sand	
3 / 1			b. Volume added	_	3
I. Well bottom ft. MS	SL or <u>32</u> ft.		Well casing:	Flush threaded PVC sci	
	·····		. wen easing.	Flush threaded PVC sc	
	33 0			Flush unreaded PVC sc.	—
J. Filter pack, bottom ft. MS	;L or 55 _ II.				Other 🛛 🚛
		10). Screen material:	Sch 40 PVC	
K. Borehole, bottom ft. MS	$L \text{ or } _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ $	18 See	a. Screen type:]	Factory cut 🖾 11
			••	Conti	inuous slot 🗖 01
L. Borehole, diameter $-\frac{8}{}$ in.					
\mathbf{L} . Borenore, diameter $\mathbf{L} = - \mathbf{I} \mathbf{I}$.		\ \	1 Manuf		Other 🗆 🔛
2.375			b. Manufacturer		0.010 ⁺ -
M. O.D. well casing in.		\setminus	c. Slot size:		0. 0 1 0 in.
0.067		N	d. Slotted length		_ <u>15</u> ft.
N. I.D. well casing 2.067 in.		11	l. Backfill material	(below filter pack):	None 🖾 14
					Other 🛛 🔬
I hereby certify that the information on this	s form is true and correct to the	best of my know	wledge.		
Signature	Firm		-		
0	WSF	b			

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin Department of Natural Resources

MONITORING	WELL DEVELOPMENT
Form 4400-113B	Rev. 7-98

Route to: Watershed/Waste	Waste Management				
Remediation/Rec	levelopment 🔀	Other 🕅			
Facility/Project Name	County Name		Well Name		
Line 13 MP 312 Valve Site		Jefferson		RW-03	
Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Nu	ımber	DNR Wel	l ID Number
	<u>28</u>				
surged with bailer and pumped surged with block and bailed surged with block and pumped surged with block, bailed and pumped compressed air bailed only pumped only pumped slowly Other Other Oth	es I No 41 61 42 62 70 20 10 51 50	well casing) Date	a b / m m d d c:		After Development <u>After Development</u> <u>y</u> m m $d = 1$ <u>y</u> m m $d = 1$ <u>y</u> m m $d = 1$ <u>y</u> <u>y</u> <u>y</u> <u>y</u> <u>a.m.</u> <u>a.m.</u> <u>b.m.</u> <u>c.e.</u> <u>inches</u> Clear <u>20</u> Turbid <u>25</u> (Describe)
	min.				
4. Depth of well (from top of well casisng)	ft.				
5. Inside diameter of well	in.				
6. Volume of water in filter pack and well casing	gal.	Fill in if drilling fluid	is were used an	d well is a	t solid waste facility:
7. Volume of water removed from well	gal.	14 T-4-1		maЛ	mg/i
8. Volume of water added (if any)	gal.	solids		mg/1	mg/1
9. Source of water added		15. COD		mg/l	mg/l
10. Analysis performed on water added?	es 🗆 No	16. Well developed b First Name: Firm:	y: Name (first, la	ast) and Firm Last Name	

17. Additional comments on development:

Well was not developed due to presence of free product.

Name and Address of Facility Contact /Owner/Responsible Party First Last Name: Karl Name: Name:	I hereby certify that the above information is true and correct to the best of my knowledge.		
Facility/Firm:Enbridge Energy LP	Signature: Huff		
Street:11 East Superior St, Suite 125	Print Name: Timothy Huff		
City/State/Zip: Duluth, MN 55802	Firm: WSP		

NOTE: See instructions for more information including a list of county codes and well type codes.

	Vatershed/Wastewater Remediation/Redevelopment X	Waste Management	MONITORING WELL CONSTRUCTION Form 4400-113A Rev. 7-98
	T 1 (7 1 + T		Well Name
Line 13 MP 312 Valve Site	Local Grid Location of well	N. $\Box E.$ S. $f^{t.} \Box W.$	RW-04
	Local Grid Origin 🛛 (estimat	ted: □) or Well Location ⊠	Wis. Unique Well No. DNR Well ID No.
Facility ID	St. Plane	333884 ft. E. S/C/N	D + W-11 Lease He 4
Type of Well	Section Location of Waste/Sour	ice 🛛 E	
Well Code64 / _le	<u>NW</u> 1/4 of <u>SW</u> 1/4 of Sec.		Cody Eystad
Distance from Waste/ Enf. Stds.	Location of Well Relative to W	aste/Source Gov. Lot Number Sidegradient	
Source 10 ft. Apply		Not Known	Dakota Technologies
<u> </u>	ft. MSL	1. Cap and lock?	X Yes D No
	40 ft. MSL	2. Protective cover a. Inside diamete	
3, 1		b. Length:	$\begin{array}{c} \underline{-1} \\ \underline{-1} \\$
C. Land surface elevation	72ft. MSL	c. Material:	
D. Surface seal, bottom ft. MS	Lor $_{1}_{-}$ ft.	C. Matchal.	
12. USCS classification of soil near screen	84-376-3°.	d. Additional pr	
	sw□ sp ⊠ \	If yes, descrit	
			Bentonite \Box 30
Bedrock 🗖		3. Surface scal:	Concrete 🖾 01
13. Sieve analysis performed?	Yes 🛛 No		Other 🗆
14. Drilling method used: Ro	tary 🗆 50	4 Material betwee	n well casing and protective pipe:
Hollow Stem Au	-		Bentonite \Box 30
	ther	clean sand	Other 🛛
		5. Annular space se	
15. Drilling fiuid used: Water 🗆 0 2	Air 🗆 01		mud weight Bentonite-sand slurry \Box 35
	None 🛛 99		mud weight Bentonite salut starty \Box 31
			nite Bentonite-cement grout $\Box = 50$
16. Drilling additives used?	Yes 🛛 No 🛛 👹		³ volume added for any of the above
N1/0		f. How installed	
DescribeN/A	📓	I. How instance	Tremie pumped \square 02
17. Source of water (attach analysis, if requ	ired):		Gravity 🖾 02
N/A		6. Bentonite seal:	a. Bentonite granules [] 33
	🎇	b. □1/4 in. ⊠	$\Box_{3/8 \text{ in.}} \Box_{1/2 \text{ in.}} Bentonite chips \Box_{3/2}$
E. Bentonite seal, topft. MS	L or $\{-}^{6}$ ft.	c	Other 🗆 🎬
F. Fine sand, top ft. MS	SL or $_$ $_$ $\frac{15}{15}$ ft.	Eine Silica	ial: Manufacturer, product name & mesh size
	Lor $_$ $\frac{16}{16}$ ft.	a	
G. Filter pack, top ft. MS		b. Volume adde	
H. Screen joint, top ft. MS	L or $17_{}$ ft.	a. 20/40 Silic	
		b. Volume adde	
I. Well bottomft. MS	$L \text{ or } = \frac{32}{2} \text{ ft.}$	9. Well casing:	Flush threaded PVC schedule 40 🛛 23
			Flush threaded PVC schedule 80 24
J. Filter pack, bottomft. MS	L or		Other 🗆 🚛
	зз ө	10. Screen material:	
K. Borehole, bottom	L or	a. Screen type:	Factory cut 🖾 11
		a	Continuous slot \Box 01
L. Borehole, diameter $-\frac{8}{}$ in.			Other
2.375		b. Manufacturer	
M. O.D. well casing in.		c. Slot size: d. Slotted lengt	0. <u>0 1 0</u> in. h: <u>15</u> ft.
2.067		, .	
N. I.D. well casing $$ in.		11. Backfull materia	l (below filter pack): None ⊠ 1.4 Other □
I hereby certify that the information on this	form is true and correct to the h	est of my knowledge	
Signature	Firm		

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin Department of Natural Resources

MONITORING	WELL DEVELOPMENT
Form 4400-113B	Rev. 7-98

Route to: Watershed/Waste	water	Waste Management		
Remediation/Rec	evelopment 🔀	Other 🕅		
Facility/Project Name Line 13 MP 312 Valve Site	County Name	Jefferson	Well Name RW-04	
Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well N 	umber DNR We	ell ID Number
surged with bailer and pumped Image: Surged with block and bailed surged with block and pumped Image: Surged with block, bailed and pumped surged with block, bailed and pumped Image: Surged with block, bailed and pumped compressed air Image: Surged with block, bailed and pumped bailed only Image: Surged with block, bailed and pumped pumped only Image: Surged with block, bailed and pumped Other Image: Surged with block, bailed and pumped 1 Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pum	es I No 4 1 6 1 4 2 6 2 7 0 2 0 1 0 5 1 5 0 min.	 11. Depth to Water (from top of well casing) Date Time 12. Sediment in well bottom 13. Water clarity 	aft. b//ft. m m d d y y y c: D a.m. c: p.m.	/// y y m m d d y y y y :p.m.
4. Depth of well (from top of well casisng)				
5. Inside diameter of well	in.			
	gal. gal.		ds were used and well is a	
8. Volume of water added (if any)	gal.	14. Total suspended solids	mg/l	mg/l
9. Source of water added		15. COD	mg/l	mg/l
		16. Well developed b	y: Name (first, last) and Firn	n
10. Analysis performed on water added? (If yes, attach results)	es 🗆 No	First Name:	Last Nam	16:
		Firm:		

17. Additional comments on development:

Well was not developed due to presence of free product.

Name and Address of Facility Contact /Owner/Responsible Party First Last Name: Karl Name: Name:	I hereby certify that the above information is true and correct to the best of my knowledge.		
Facility/Firm:Enbridge Energy LP	Signature: Huff		
Street:11 East Superior St, Suite 125	Print Name: Timothy Huff		
City/State/Zip: Duluth, MN 55802	Firm: WSP		

NOTE: See instructions for more information including a list of county codes and well type codes.

	Natershed/Wastewater 🗔 Remediation/Redevelopment 🔀	Waste Management	MONITORING WELL CONSTRUCTION Form 4400-113A Rev. 7-98
			Well Name
Line 13 MP 312 Valve Site	Local Grid Location of Well	N. □E. Sft. □W.	RW-05
Facility License, Permit or Monitoring No.	Local Grid Origin 🛛 (estimat	ed:) or Well Location ong. 'or	Wis. Unique Well No. DNR Well ID No.
Facility ID	St. Plane <u>2269956</u> ft. N, Section Location of Waste/Sour	333872ft. E. S/C/N	
Type of Well		Ш.E.	
Well Code 64 / le	<u>NW</u> 1/4 of <u>SW</u> 1/4 of Sec, 8		Cody Eystad
Distance from Waste/ Enf. Stds.	Location of Well Relative to Wa	aste/Source Gov. Lot Number Sidegradient	
Source 20 ft. Apply		Not Known	Dakota Technologies
<u> </u>	ft. MSL	1. Cap and lock?	X Yes D No
	40 ft. MSL	2. Protective cover a. Inside diamete	pipe:
8, 1			$\begin{array}{c} \underline{-} \underline{-} \underline{-} \\ \underline{-} \underline{1} \underline{-} \mathbf{ft}. \end{array}$
C. Land surface elevation	⁸⁸ ft. MSL	b. Length:	
D. Surface seal, bottom ft. MS	$L_{or} = \frac{1}{1} ft$	c. Material:	—
12. USCS classification of soil near scree	\$2537C 3*1		
	NH	d. Additional pro	
	SW D SP 🛛 CL D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D	If yes, describ	
Bedrock		3. Surface scal:	Bentonite \Box 30
l			Concrete 🖾 01
	Yes 🛛 No	×	Other 🛛
8	tary 🗆 50	4. Material between	n well casing and protective pipe:
Hollow Stem Au			Bentonite 🗆 30
o	ther 🗆 🎆	clean sand	Other 🖾 🧾
		5. Annular space se	
15. Drilling fiuid used: Water 0 2	Air \Box 01	bLbs/gal 1	mud weight Bentonite-sand slurry 🛛 35
Drilling Mud 🗆 0 3	None 299	cLbs/gal 1	mud weight Bentonite slurry 🗖 31
	Van MINA		nite \dots Bentonite-cement grout \Box 50
16. Drilling additives used?	Yes 🛛 No	e. <u>3</u> Ft	³ volume added for any of the above
N/A		f. How installed	I: Tremie 🗖 01
			Tremie pumped 🗖 02
17. Source of water (attach analysis, if requ	ired):	83	Gravity 🖾 08
N/A		6. Bentonite seal:	a. Bentonite granules 🔲 33
		Ъ. □1/4 іп. К	$3/8$ in. $\Box 1/2$ in. Bentonite chips $\boxtimes 32$
E. Bentonite seal, topft. MS	L or $_\{-_}^{6}$ ft.	с	Other 🗆 🏬
F. Fine sand, top ft. MS	SL or $_$ $_$ $\frac{15}{15}$ ft.	7. Fine sand materi	al: Manufacturer, product name & mesh size
	16	a	
G. Filter pack, top ft. MS	$L \text{ or } = \frac{16}{1000} \text{ ft.}$	b. Volume adde	
			rial: Manufacturer, product name & mesh size
H. Screen joint, top ft. MS	SL or $_{-}_{-}_{-}_{-}^{17}$ ft.	a. 20/40 Silic	
	32 0	b. Volume adde	
I. Well bottomft. MS	$L \text{ or } = \frac{32}{2} \text{ ft.}$	9. Well casing:	Flush threaded PVC schedule $40 \boxtimes 23$
			Flush threaded PVC schedule 80 24
J. Filter pack, bottomft. MS	L or		Other 🗆 🚛
	33	10. Screen material:	Sch 40 PVC
K. Borehole, bottom	$L \text{ or } _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ $	a. Screen type:	Factory cut 🖾 11
0		<u>š</u>	Continuous slot 🔲 01
L. Borehole, diameter $-\frac{8}{}$ in.		\	Other 🗆 🔬
2.375		b. Manufacturer	
M. O.D. well casing 2.575 in.		c. Slot size:	$0. \underline{01} \underline{0} \text{in}.$
2.067		d. Slotted lengt	
N. I.D. well casing 2.067 in.		11. Backfill materia	l (below filter pack): None 🖾 14
			Other 🗆
I hereby certify that the information on this	form is true and correct to the b	est of my knowledge.	
Signature	Firm		
	WSP		

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin Department of Natural Resources

MONITORING	WELL DEVELOPMENT
Form 4400-113B	Rev. 7-98

Route to: Watershed/Waste	water	Waste Management		
Remediation/Rec	evelopment 🔀	Other 🕅		
Facility/Project Name Line 13 MP 312 Valve Site	County Name	Jefferson	Well Name RW-05	
Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well N 	umber DNR We	ill ID Number
surged with bailer and pumped Image: Surged with block and bailed surged with block and pumped Image: Surged with block, bailed and pumped surged with block, bailed and pumped Image: Surged with block, bailed and pumped compressed air Image: Surged with block, bailed and pumped bailed only Image: Surged with block, bailed and pumped pumped only Image: Surged with block, bailed and pumped Other Image: Surged with block, bailed and pumped 1 Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pum	cs I No 4 1 6 1 4 2 6 2 7 0 2 0 1 0 5 1 5 0 5 0 	 11. Depth to Water (from top of well casing) Date Time 12. Sediment in well bottom 13. Water clarity 	aft. b//ft. m m d d y y y c: p.m.	/// y y m m d d y y y y :p.m.
4. Depth of well (from top of well casisng)	ft.			
5. Inside diameter of well	in.			
	gal. gal.		ds were used and well is a	
8. Volume of water added (if any)	gal.	solids		<u></u>
9. Source of water added		15. COD	mg/l	mg/l
		16. Well developed b	y: Name (first, last) and Firr	n
10. Analysis performed on water added?	es 🗆 No	First Name:	Last Nam	le:
		Firm:		

17. Additional comments on development:

Well was not developed due to presence of free product.

Name and Address of Facility Contact /Owner/Responsible Party First Last Name: Karl Name: Name:	I hereby certify that the above information is true and correct to the best of my knowledge.		
Facility/Firm:Enbridge Energy LP	Signature: Huff		
Street:11 East Superior St, Suite 125	Print Name: Timothy Huff		
City/State/Zip: Duluth, MN 55802	Firm: WSP		

NOTE: See instructions for more information including a list of county codes and well type codes.

	Natershed/Wastewater 🗔 Remediation/Redevelopment 🔀	Waste Management Other	MONITORING WELL CONSTRUCTION Form 4400-113A Rev. 7-98
			Well Name
Line 13 MP 312 Valve Site	Local Grid Location of Well	N. $\Box E.$ Sft. $\Box W.$	RW-06
Facility License, Permit or Monitoring No.	Local Grid Origin 🛛 (estimat	ced: □) or Well Location ⊠ ong or	Wis. Unique Well No. DNR Well ID No.
Facility ID	St. Plane <u>2269927</u> ft. N, Section Location of Waste/Sour	333875ft. E. S/C/N	
Type of Well		ШE	
Well Code 64 / le	<u>NW</u> 1/4 of <u>SW</u> 1/4 of Sec, 8		Cody Eystad
Distance from Waste/ Enf. Stds.	Location of Well Relative to Wa	aste/Source Gov. Lot Number Sidegradient	
Source 10 ft. Apply		Not Known	Dakota Technologies
<u> </u>	ft. MSL	1. Cap and lock?	X Yes D No
	40 ft. MSL	2. Protective cover a. Inside diamete	pipe:
8, 1			$\begin{array}{c} \underline{-} \underline{-} \underline{-} \underline{-} \underline{-} \underline{-} \underline{-} -$
C. Land surface elevation	⁶⁹ ft. MSL	b. Length:	
D. Surface seal, bottom ft. MS	SL or $_{-1}^{1}$ ft.	c. Material:	—
12. USCS classification of soil near scree	\$2537C 3*1		
	NH	d. Additional pro	
	SW D SP 🛛 CL D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D CH D	If yes, describ	
Bedrock		3. Surface scal:	Bentonite \Box 30
l			Concrete 0 1
	Yes 🛛 No	×	Other 🗆 🧾
8	tary 🗆 50	4. Material between	n well casing and protective pipe:
Hollow Stem Au			Bentonite 🗆 30
o	ther 🗆 🎆	clean sand	Other 🖾 🧾
		5. Annular space se	
15. Drilling fluid used: Water 0 2	Air 0 1	bLbs/gal :	mud weight Bentonite-sand slurry 🛛 35
Drilling Mud 🗆 0 3	None 299	cLbs/gal	mud weight Bentonite slurry 🗖 31
			nite \dots Bentonite-cement grout \Box 50
16. Drilling additives used?	Yes 🛛 No	e. <u>3</u> Ft	³ volume added for any of the above
N/A		$f_{\rm f}$ How installed	I: Tremie 🗖 01
			Tremie pumped 🗖 02
17. Source of water (attach analysis, if requ	ired):	83	Gravity 🖾 08
N/A		6. Bentonite seal:	a. Bentonite granules 🔲 33
		b. □1/4 in. ⊠	$3/8$ in. $\Box 1/2$ in. Bentonite chips $\boxtimes 32$
E. Bentonite seal, topft. MS	L or $_\{-_}^{6}$ ft.	с	Other 🗆 🏬
F. Fine sand, top ft. MS	SL or $_$ $_$ $\frac{15}{15}$ ft.	7. Fine sand materi	al: Manufacturer, product name & mesh size
	16	a	
G. Filter pack, top ft. MS	$L \text{ or } = \frac{16}{1000} \text{ ft.}$	b. Volume adde	
11 A	SL or 17 ft.		rial: Manufacturer, product name & mesh size
H. Screen joint, top ft. MS		a. 20/40 Silic	
T 337-11 1 & MS	SL or $_{_{_{_{_{_{_{_{_{_{_{_{_{_{_{_{_{_{_{$	b. Volume adde	
I. Well bottomft. MS	····· ··· · ··· · · · · · · · · · · ·	9. Well casing:	
			Flush threaded PVC schedule 80 24
J. Filter pack, bottomft. MS	,L or		Other 🗆 🚛
	. 33 0	10. Screen material:	
K. Borehole, bottom	$L \text{ or } _ _ _ _ _ _ \square$	a. Screen type:	Factory cut 🖾 11
8		×	Continuous slot \Box 01
L. Borehole, diameter $-\frac{8}{}$ in.		\	Other 🗆 🔬
2.375		b. Manufacturer	
M. O.D. well casing $ -$ in.		c. Slot size:	0. <u>0 1 0</u> in.
2.067		∖ d. Slotted lengt	
N. I.D. well casing 2.007 in.		11. Backfill materia	l (below filter pack): None 🖾 14
			Other 🗆 🧾
I hereby certify that the information on this	form is true and correct to the b	est of my knowledge.	
Signature	Firm		
	WSP		

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

MONITORING	WELL DEVELOPMENT
Form 4400-113B	Rev. 7-98

Route to: Watershed/Wastew	ater	Waste Management		
Remediation/Redev	velopment 🔀	Other 🕅		
Facility/Project Name Line 13 MP 312 Valve Site	County Name	efferson	Well Name RW-06	
Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well N	umber DNR W	ell ID Number
1. Can this well be purged dry? Yes 2. Well development method 4 surged with bailer and bailed 4 surged with bailer and pumped 6 surged with block and bailed 4 surged with block and pumped 6 surged with block, bailed and pumped 6 surged with block, bailed and pumped 7 compressed air 24 bailed only 14 pumped only 5 Other 5 3. Time spent developing well	1 1 2 2 0 0 0 1		aft. b//y	<u>at After Development</u> <u>y y m m / d d / y y y y</u> <u>a.m.</u> <u>a.m.</u> <u>a.m.</u> <u>c inches</u> <u>Clear [20</u> Turbid 25 (Describe)
4. Depth of well (from top of well casisng)	ft.			
5. Inside diameter of well	in.			
 6. Volume of water in filter pack and well casing 7. Volume of water removed from well 8. Volume of water added (if any) 	gal.	_	is were used and well is	at solid waste facility:
9. Source of water added		15. COD	mg/l	mg/l
10. Analysis performed on water added? (If yes, attach results)	S 🗆 No	16. Well developed b First Name: Firm:	y: Name (first, last) and Fir Last Nar	

17. Additional comments on development:

Well was not developed due to presence of free product.

Name and Address of Facility Contact /Owner/Responsible Party First Last Name: Karl Name: Name:	I hereby certify that the above information is true and correct to the best of my knowledge.
Facility/Firm:Enbridge Energy LP	Signature: Huff
Street: 11 East Superior St, Suite 125	Print Name: Timothy Huff
City/State/Zip: Duluth, MN 55802	Firm: WSP

	Watershed/Wastewater		agement	MONITORING WELL Form 4400-113A	CONSTRUCTION Rev. 7-98
	Remediation/Redevelopment	.11		Well Name	
	-	⊔ N.	ft. 🗆 E.	RW-07	
Line 13 MP 312 Valve Site Facility License, Permit or Monitoring No.	<u>ft</u>			Wis. Unique Well No.	DND Wall ID No
Facility License, Permit or Monitoring No.	o •		+ U	-	DINK WEILID NO.
	Lat	*Long	or		
Facility ID	St. Plane 2269939 f	ft. N, <u>333867</u>	ft. E. S/C/N	Date Well Installed	<u>1 6 / 2 0 2 1</u>
	Section Location of Waste/	/Source		m	dd y y y y
Type of Well	NW 1/4 of SW 1/4 of S		_ N, R. <u>14</u> 🗆 W	Well Installed By: Nan	ne (first, last) and Firm
Well Code <u>64</u> / le	Location of Well Relative t		Gov. Lot Number	Cody Eystad	
Distance from Waste/ Enf. Stds.	$u \square Upgradient s$	□ Sidegradient	Gov. Lot Number		
Source 10 ft. Apply		Not Known		Dakota Technolog	jies
			1. Cap and lock?		🛛 Yes 🗆 No
	ft. MSL		2. Protective cover	nina	
B. Well casing, top elevation $-\frac{814}{-1}$	⁸⁰ ft. MSL	ݱロݱѷ╱╱			_ <u>8</u> _ in.
			a. Inside diamete	r.	
C. Land surface elevation	⁹⁷ ft. MSL 🔪 🖌		b. Length:		_ <u>1</u> _ ft.
			c. Material:		Steel 🖾 04
D. Surface seal, bottom ft. MS	SL OF IL State 1				Other 🛛 📃
12. USCS classification of soil near screen	a: 🔨		d. Additional pro	tection?	🗆 Yes 🖾 No
GP GM GC GW GS	sw□ sp ⊠ \	EI IA	If yes, describ	e:	
SM C SC ML MH C	л сн 🗆 🔰 🔨	$\mathbb{H} \mathbb{H} \setminus \mathbb{V}$	•		Bentonite 🔲 30
Bedrock			Surfacc scal:		Concrete Ø 01
13. Sieve analysis performed?	Yes 🛛 No				Other \Box
		XX XX `	A M		····
-	tary □ 50		4. Material betweer	well casing and protecti	
Hollow Stem Au			alaan aand		Bentonite 🛛 30
o	ther 🗆 🎆		clean sand		Other 🖾 🛄
			5. Annular space se		
15. Drilling fluid used: Water 🗆 0 2	Air 🗆 01		ь Lbs/galт	nud weight Bentonite	e-sand slurry 🗆 35
Drilling Mud 🗆 0 3 🔤	None 🛛 99			nud weight Bente	
				nite Bentonite-c	
16. Drilling additives used?	Yes 🛛 No			³ volume added for any o	
					Tremie \square 01
DescribeN/A			f. How installed		
17. Source of water (attach analysis, if requ	uired):			1101	
N/A	ŕ			Beat	Gravity 🖾 08
			6. Bentonite seal:		ite granules 🔲 33
	- 6 -		b. $\Box 1/4$ in. \boxtimes	3/8 in. □1/2 in. Ber	tonite chips \boxtimes 3.2
E. Bentonite seal, top ft. MS	$L \text{ or } _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ $		с		Other 🛛 🏬
			7 Eine aand materi	al: Manufacturer, produ	ot name & mash size
F. Fine sand, top ft. MS	Lor <u>15</u> _ft.	Ma Ma 🖊 🖉			st name og mesn size
			aFine Silica	Sand	
G. Filter pack, top ft. MS	Lor ¹⁶ _ft.		b. Volume adde	d. 0.5 ft	3
				ial: Manufacturer, produ	ict name & mesh size
H. Screen joint, top ft. MS	Lor 17 ft		20/40 Silica		
			b. Volume adde		3
L Wall horrow ft MS	SL or <u>32</u> _ ft.		9. Well casing:	Flush threaded PVC so	
I. Well bottomft. MS			9. Wen casing.		
C. 100	33 0			Flush threaded PVC so	—
J. Filter pack, bottom ft. MS	$L \text{ or } _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ $			0.1.10.51/0	Other 🛛 🚛
	22 -	1	0. Screen material:	Sch 40 PVC	
K. Borehole, bottom	$L \text{ or } _ _ _^{33}_ \text{ ft.}$		 a. Screen type: 		Factory cut 🛛 11
				Cont	inuous slot 🗖 01
L. Borehole, diameter $-\frac{8}{-}$ in.		-			Other 🛛 🔛
			b. Manufacturer		10.11
M. O.D. well casing 2.375			c. Slot size:		0. <u>0 1 0</u> in.
M. O.D. well casing $_$ $_$ $_$ in.		\ \	d. Slotted length	1:	_ <u>15</u> _ft.
2.067		```			
N. I.D. well casing $$ in.		1	1. Dackilli matchai	(below filter pack):	
		1 1			Other
I hereby certify that the information on this	form is true and correct to	the best of my kno	owledge.		
Signature	Firm				
	W	'SP			

MONITORING	WELL DEVELOPMENT
Form 4400-113B	Rev. 7-98

Route to: Watershed/Wastew	ater	Waste Management		
Remediation/Rede	velopment 🔀	Other 🕅		
Facility/Project Name Line 13 MP 312 Valve Site	County Name	efferson	Well Name RW-07	
Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well N	umber DNR W	ell ID Number
1. Can this well be purged dry? Yes 2. Well development method 4 surged with bailer and bailed 4 surged with bailer and pumped 6 surged with block and bailed 4 surged with block and pumped 6 surged with block, bailed and pumped 7 compressed air 2 bailed only 1 pumped only 5 Other 5 3. Time spent developing well	1 1 2 2 0 0 0 0 1		a ft. b// ft.	$\frac{\text{After Development}}{$
4. Depth of well (from top of well casisng)	ft.			
5. Inside diameter of well	in.			
 6. Volume of water in filter pack and well casing 7. Volume of water removed from well 8. Volume of water added (if any) 	gal.	_	is were used and well is	at solid waste facility:
9. Source of water added (if ally)		15. COD	mg/	l mg/l
10. Analysis performed on water added?	3 🗆 No	16. Well developed b First Name: Firm:	y: Name (first, last) and Fi Last Na	

17. Additional comments on development:

Well was not developed due to presence of free product.

Name and Address of Facility Contact /Owner/Responsible Party First Last Name: Karl Name: Name:	I hereby certify that the above information is true and correct to the best of my knowledge.
Facility/Firm:Enbridge Energy LP	Signature: Huff
Street: 11 East Superior St, Suite 125	Print Name: Timothy Huff
City/State/Zip: Duluth, MN 55802	Firm: WSP

	Watershed/Wastewater	Waste Management 🗌 Other 🔲	MONITORING WELL CONSTRUCTION Form 4400-113A Rev. 7-98
	Remediation/Redevelopment X		Well Name
	I	N. □ E. Sft. □ W.	RW-08
Line 13 MP 312 Valve Site Facility License, Permit or Monitoring No.			Wis, Unique Well No. DNR Well ID No.
Facility License, Permit or Monitoring No.			
	Lat L	ong 01	
Facility ID	St. Plane 2269950 ft. N,	<u></u>	Date Well Installed 0 6 / 1 5 / 2 0 2 1
	Section Location of Waste/Sour		<u>mm_ddvvvv</u>
Type of Well	NW 1/4 of SW 1/4 of Sec. 8	IXI F	Well Installed By: Name (first, last) and Firm
Well Code <u>64</u> / le	Location of Well Relative to Wa		Cody Eystad
Distance from Waste/ Enf. Stds.		Sidegradient	
Source 25 ft. Apply		Not Known	Dakota Technologies
		1. Cap and lock?	X Yes D No
	ft. MSL	2. Protective cover	
B. Well casing, top elevation $-\frac{814}{-2}$	80 ft. MSL		
21 Contracting, up the minute		a. Inside diamete	
C. Land surface elevation	¹⁵ ft. MSL	b. Length:	<u>_ 1</u> _ ft.
	1	c. Material:	Steel 🖾 04
D. Surface seal, bottom ft. MS	SL or IL		Other 🗆 🛄
12. USCS classification of soil near screen	n:	d. Additional pro	otection? 🗆 Yes 🛛 No
GP GM GC GW G	sw□ sp ⊠ \	If yes, describ	De:
SM C SC ML MH C	сь сн 🗆 🛛 🔛		Bentonite 🗆 30
Bedrock		3. Surface scal:	Concrete 🖾 01
13. Sieve analysis performed?	Yes 🛛 No		
	888 		
-	tary □ 50	4. Material betwee	n well casing and protective pipe:
Hollow Stem Au		clean sand	Bentonite \Box 30
o	hther		Other 🖾 🏬
	_ 👹	5. Annular space se	
15. Drilling fiuid used: Water 🗆 0 2	Air 🗆 01	bLbs/gal:	mud weight Bentonite-sand slurry 🛛 35
Drilling Mud 🗆 0 3 🔤	None 🛛 99		mud weight Bentonite slurry D 31
			nite Bentonite-cement grout D 50
16. Drilling additives used?	Yes 🛛 No 🛛 🔛		³ volume added for any of the above
DescribeN/A		f. How installed	··
17. Source of water (attach analysis, if requ	uired):	888	
N/A			Gravity 🛛 08
		6. Bentonite seal:	a. Bentonite granules 🔲 33
	6	b. $\Box 1/4$ in.	$13/8 \text{ in.} \Box 1/2 \text{ in.} \text{Bentonite chips } \boxtimes 32$
E. Bentonite seal, top ft. MS	$L \text{ or } _____\text{ft.}$	🛛 / с	Other 🛛 🥁
F. Fine sand, top ft. MS	SL or <u>15</u> ft.	CO24 /	ial: Manufacturer, product name & mesh size
		a. Fine Silica	Sand
G. Filter pack, top ft. MS	SLor 16 ft.	b. Volume adde	d 0.5 ft ³
			rial: Manufacturer, product name & mesh size
H. Screen joint, top ft. MS	$I_{\rm or} = 17$ ft	20/40 Silic	
		a	
	лан 32 д .	b. Volume adde	
I. Well bottom ft. MS	SL or $_ _ \frac{32}{2} _$ ft.	9. Well casing:	Flush threaded PVC schedule 40 🖾 23
			Flush threaded PVC schedule 80 24
J. Filter pack, bottom ft. MS	L or ft.	<u> </u>	Other 🗆 🚛
		10. Screen material:	Sch 40 PVC
K. Borehole, bottom ft. MS	$L \text{ or } _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ $	a. Screen type:	Factory cut 🖾 11
			Continuous slot 🔲 01
L. Borehole, diameter $-\frac{8}{}$ in.			Other 🗆 🧾
2.20101010, dameter $= = = -111$.		b. Manufacturer	
2.375		\	0. <u>0 1 0</u> in.
M. O.D. well casing in.		1	
2.067		d. Slotted lengt	
N. I.D. well casing $$ in.		11. Backfill materia	l (below filter pack): None 🖾 14
			Other 🗆 🧾
I hereby certify that the information on this	form is true and correct to the b	est of my knowledge.	
Signature	Firm		
-	WSP		

MONITORING	WELL DEVELOPMENT
Form 4400-113B	Rev. 7-98

Route to: Watershed/Waste	water	Waste Management		
Remediation/Rec	evelopment 🔀	Other 🕅		
Facility/Project Name Line 13 MP 312 Valve Site	County Name	Jefferson	Well Name RW-08	
Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well N 	umber DNR We	ell ID Number
surged with bailer and pumped Image: Surged with block and bailed surged with block and pumped Image: Surged with block, bailed and pumped surged with block, bailed and pumped Image: Surged with block, bailed and pumped compressed air Image: Surged with block, bailed and pumped bailed only Image: Surged with block, bailed and pumped pumped only Image: Surged with block, bailed and pumped Other Image: Surged with block, bailed and pumped 1 Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pumped Image: Surged with block, bailed and pum	cs □ No 4 1 6 1 4 2 6 2 7 0 2 0 1 0 5 1 5 0 	 11. Depth to Water (from top of well casing) Date Time 12. Sediment in well bottom 13. Water clarity 	aft. b//ft. m m d d y y y c: D a.m. c: p.m.	/// y y m m d d y y y y :p.m.
4. Depth of well (from top of well casisng)	ft.			
5. Inside diameter of well	in.			
7. Volume of water removed from well	gal. gal.		ds were used and well is :	at solid waste facility:
8. Volume of water added (if any)	gal.	solids		
9. Source of water added		15. COD	mg/l	mg/l
		16. Well developed b	y: Name (first, last) and Firr	n
10. Analysis performed on water added? (If yes, attach results)	es 🗆 No	First Name:	Last Nam	le:
		Firm:		

17. Additional comments on development:

Well was not developed due to presence of free product.

Name and Address of Facility Contact /Owner/Responsible Party First Last Name: Karl Name: Name:	I hereby certify that the above information is true and correct to the best of my knowledge.
Facility/Firm:Enbridge Energy LP	Signature: Huff
Street: 11 East Superior St, Suite 125	Print Name: Timothy Huff
City/State/Zip: Duluth, MN 55802	Firm: WSP

	Natershed/Wastewater 🗌 Remediation/Redevelopment 🔀	Waste Management Other	MONITORING WELL CONSTRUCTION Form 4400-113A Rev. 7-98
Facility/Project Name	Level Cald Leveling of Wall		Well Name
Line 13 MP 312 Valve Site	Local Orio Location of Well	N. $\Box E.$ S. $ft. \Box W.$	RW-09
Facility License, Permit or Monitoring No.	Local Grid Origin 🔲 (estimat		Wis. Unique Well No. DNR Well ID No.
Facility ID	St. Plane <u>2269950</u> ft. N, Section Location of Waste/Sour	333856ft. E. S/C/N	D + W-11 Lease He 4
Type of Well	· · · · · · · · · · · · · · · · · · ·	ШE	
Well Code64 /le	<u>NW</u> 1/4 of <u>SW</u> 1/4 of Sec.		Cody Eystad
Distance from Waste/ Enf. Stds.	Location of Well Relative to W	aste/Source Gov. Lot Number Sidegradient	
Source 25 ft. Apply		Not Known	Dakota Technologies
<u> </u>	ft. MSL	1. Cap and lock?	X Yes D No
· · ·	⁸⁰ ft. MSL	2. Protective cover a. Inside diamete	
D , 1	28	b. Length:	$\begin{array}{c} \underline{-1} \\ \underline{-1} \\$
C. Land surface elevation	²⁸ ft. MSL	c. Material:	$ \underbrace{ }_{\text{Steel}} _{\text{Steel}} _{\text{Steel}} _{\text{Steel}} \underbrace$
D. Surface seal, bottom ft. MS	SL or 1_{-} ft.	C. Matchial.	
12. USCS classification of soil near scree	\$25375 A*1	d. Additional pr	
	N		
		If yes, describ	
Bedrock		3. Surface scal:	Bentonite \Box 30
	Yes 🛛 No		Concrete 🖾 01
			Other 🗆 🔛
0	tary □ 50	4. Material betwee	n well casing and protective pipe:
Hollow Stem A		clean sand	Bentonite \Box 30
	ther 🗆 🎆		Other 🖾 🏬
A.F. D. M. Guiden at Water D.O.2		5. Annular space se	
15. Drilling fiuid used: Water □ 0 2 Drilling Mud □ 0 3 1	$\begin{array}{c c} Air \Box 01 \\ \hline \end{array}$		mud weight Bentonite-sand slurry \Box 35
	None 🛛 99		mud weight Bentonite slurry 🗖 31
16. Drilling additives used?	Yes 🛛 No		nite \dots Bentonite-cement grout \Box 50
		e. <u>3</u> Ft	³ volume added for any of the above
Describe N/A		$f_{\rm f.}$ How installed	1: Tremie \Box 01
17. Source of water (attach analysis, if req			Tremie pumped 🗖 02
		888	Gravity 🛛 08
N/A		6. Bentonite seal:	a. Bentonite granules 🔲 33
		b. □1/4 in. ⊠	$\Box_{3/8}$ in. $\Box_{1/2}$ in. Bentonite chips \boxtimes 3.2
E. Bentonite seal, topft. MS	SL or $__^{\circ}__$ ft.	с	Other 🗆 🎬
F. Fine sand, top ft. MS	SL or $_$ $\frac{15}{15}$ ft.	7. Fine sand materi	ial: Manufacturer, product name & mesh size
		a. Fine Silica	i Sand
G. Filter pack, top ft. MS	Lor _ $\frac{16}{16}$ ft.	b. Volume adde	d 0.5 ft ³
			rial: Manufacturer, product name & mesh size
H. Screen joint, top ft. MS	SL or $_{-}_{-}_{-}_{-}_{-}_{-}$ ft.	a. 20/40 Silic	a Sand
I Wall bottom ft MG	SL or32ft.	b. Volume adde 9. Well casing:	Flush threaded PVC schedule 40 \square 2.3
I. Well bottomft. MS		striel 9. wen casing.	
J. Filter pack, bottomft. MS			
J. Filter pack, bottom IL MS			Sch 40 PVC
	т. 33 д.	10. Screen material:	
K. Borehole, bottom ft. MS	SL OF	a. Screen type:	Factory cut 🖾 11
		a,	Continuous slot \Box 01
L. Borehole, diameter $-\frac{8}{}$ in.			Other
2.375		b. Manufacturer	
M. O.D. well casing $$ in.		c. Slot size:	0. <u>0 1 0</u> in.
2.067		d. Slotted lengt	
N. I.D. well casing 2.007 in.		11. Backfill materia	l (below filter pack): None 🖾 14
			Other 🗆 🔬
I hereby certify that the information on this	form is true and correct to the b	est of my knowledge.	
Signature	Firm		
	WSP		

MONITORING	WELL DEVELOPMENT
Form 4400-113B	Rev. 7-98

Route to: Watershed/Waste	water	Waste Management		
Remediation/Rec	evelopment 🔀	Other 🕅		
Facility/Project Name Line 13 MP 312 Valve Site	County Name	Jefferson	Well Name RW-09	
Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well N	umber DNR We	ell ID Number
surged with bailer and pumpedsurged with block and bailedsurged with block and pumpedsurged with block, bailed and pumpedcompressed airbailed onlypumped only	cs I No 4 1 6 1 4 2 6 2 7 0 2 0 1 0 5 1 5 0	 11. Depth to Water (from top of well casing) Date Time 12. Sediment in well bottom 13. Water clarity 	aft. b//ft. m m d d y y y c: D a.m. p.m.	${y - y} = $
	min.		(Describe)	Turbid 2 5 (Describe)
4. Depth of well (from top of well casisng)	ft.			
5. Inside diameter of well	in.			
	gal. gal.		ds were used and well is a	
8. Volume of water added (if any)	gal.	solids	IIIg/1	mg/1
9. Source of water added		15. COD	mg/l	mg/l
		16. Well developed b	y: Name (first, last) and Firm	n
10. Analysis performed on water added?	es 🗆 No	First Name:	Last Nam	le:
		Firm:		

17. Additional comments on development:

Well was not developed due to presence of free product.

Name and Address of Facility Contact /Owner/Responsible Party First Last Name: Karl	I hereby certify that the above information is true and correct to the best of my knowledge.
Facility/Firm:Enbridge Energy LP	Signature: Huff
Street: 11 East Superior St, Suite 125	Print Name: Timothy Huff
City/State/Zip: Duluth, MN 55802	Firm: WSP

	Vatershed/Wastewater		nagement	MONITORING WELL Form 4400-113A	CONSTRUCTION Rev. 7-98
	Remediation/Redevelopmen	[_1]		Well Name	
		_ LIN.	ft. 🗆 E.	RW-10	
Line 13 MP 312 Valve Site				Wis. Unique Well No.	DND Wall ID No
Facility License, Permit or Monitoring No.	o .	$\frac{1}{4}$	• U	-	DIAN WEILID IN.
	Lat	"Long	or		
Facility ID	St. Plane 2269950	ft. N, <u>333856</u>	³ ft.E. S/C/N	Date Well Installed	<u>1 3 / 2 0 2 1</u>
	Section Location of Waste	e/Source		m	dd y y y y
Type of Well	<u>NW</u> 1/4 of <u>SW</u> 1/4 of	Sec 8 T 5	_ N, R. <u>14</u> 🗆 W	Well Installed By: Nam	e (first, last) and Firm
Well Code <u>64</u> / le	Location of Well Relative		Gov. Lot Number	Josh Parks	
Distance from Waste/ Enf. Stds.		s 🛛 Sidegradien			
Source 30 ft Apply \square		n 🗆 Not Known		Environmental Wo	rks
			1. Cap and lock?		🛛 Yes 🗆 No
	ft. MSL		2. Protective cover	nine:	
B. Well casing, top elevation $-\frac{814.7}{-1}$	³⁶ ft. MSL	┭◻ҝシ╱	a. Inside diamete		_ <u>8</u> _ in.
_ ,				1.	
C. Land surface elevation	⁸⁰ ft. MSL 🔪 🖌		b. Length:		$\underline{1}$ ft.
D. Surface seal, bottom ft. MS	Tor 1 ft		c. Material:		Steel 🖾 04
					Other 🛛 📃
12. USCS classification of soil near screet	1:	VI N~~~~	d. Additional pro	stection?	🗆 Yes 🖾 No
	sw⊠ sp □ 🔪		If yes, describ	e:	
SM □ SC □ ML ☑ MH □ C	сі сн 🗆 🔪 🔪	*** *** / /			Bentonite 🗆 30
Bedrock 🗖			3. Surface scal:		Concrete 🖾 01
13. Sieve analysis performed?	Yes 🛛 No				Other
14 Drilling method used: Ro	tary □ 50		4 Material between	well casing and protectiv	····
-	•			went easing and protectiv	Bentonite \Box 30
Hollow Stem Au	- 1920/029		clean sand		
rotosonic O	ther 🛛 🎆				Other 🖾 🧾
			5. Annular space se		
15. Drilling fiuid used: Water D 0 2	Air \Box 01		bLbs/gal r	nud weight Bentonite-	sand slurry 🗆 35
Drilling Mud 🗆 0 3	None 2 99		cLbs/gal 1	nud weight Bento	nite slurry 🗖 31
				nite Bentonite-ce	
16. Drilling additives used?	Yes 🛛 No			³ volume added for any of	
NI/A			f. How installed		Tremie 🗖 01
DescribeN/A			I, HOW Instance		ie pumped \square 0.2
17. Source of water (attach analysis, if requ	uired):			11 Citle	· · · · ·
N/A			6. Bentonite seal:	a Beniumi	Gravity ⊠ 08 te granules □ 33
					0
	. 6 .		b. ⊔1/4 m. ⊾	3/8 in. □1/2 in. Bent	
E. Bentonite seal, topft. MS	$L \text{ or } _ _ _ _ _ \Pi$		с		Other 🛛 🏬
	15		7 Fine sand materi	al: Manufacturer, produc	t name & mesh size
F. Fine sand, top ft. MS	L or $_$ $_$ $\frac{15}{}$ ft. \checkmark	JXI 🕅 🖊 🗸	Fine Silica		
		\square \square $/$	a		
G. Filter pack, top ft. MS	5L or <u>16</u> _ ft. 🔪 🔪		b. Volume adde	dft ³	j
				ial: Manufacturer, produc	et name & mesh size
H. Screen joint, top ft. MS	Lor 17 ft.		20/40 Silica		200000
			b. Volume adde		5
I. Well bottom ft. MS	L or <u>32</u> _ ft.		9. Well casing:	Flush threaded PVC sch	
	2		y. wen easing.	Flush threaded PVC sch	
	33 A			Flush uneaded FVC sci	—
J. Filter pack, bottomft. MS	$L \text{ or } _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ $				Other 🛛 🚛
	33 0		10. Screen material:		
K. Borehole, bottom	$L \text{ or } _ _ _ _ _ _ \texttt{ff.}$		 a. Screen type: 		Factory cut 🖾 11
				Conti	nuous slot 🗖 01
L. Borehole, diameter $-\frac{8}{-}$ in.					Other 🛛 🔬
			b. Manufacturer		una · ana ·
M. O.D. well casing 4.500			c. Slot size:		0. <u>0 1 0</u> in.
M. O.D. well casing $_$ $_$ $_$ in.		\ \	d. Slotted length	1:	_ <u>15</u> _ft.
N LD well cosing 4.026				(below filter pack):	None 🖾 14
N. I.D. well casing in.			LI, DACKIIII MAICHAI	(Gerow There back):	
71 1 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<u> </u>	<u></u>	11		Other
I hereby certify that the information on this		o the best of my kno	owiedge.		
Signature	Firm				
	v	VSP			

N	1	Oľ	TTV	ORIN	G	WELI	L DE	VEL	OPN	IEN	Τ

Form 4400-113B Rev. 7-98

Route to: Watershed/Waste	water	Waste Management			
Remediation/Red	evelopment 🔀	Other 🔛			
Facility/Project Name	County Name		Well Name		
Line 13 MP 312 Valve Site		Jefferson	R	2W-10	
Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well N	umber D	NR Well ID Num	iber
	<u>2</u> 8				
1. Can this well be purged dry?	es 🗆 No	11. Depth to Water		opment After I	
2. Well development method surged with bailer and bailed surged with bailer and pumped	51	well casing)	a . <u>2</u> <u>9</u> <u>2</u>		
	42 52 70				$\frac{\frac{8}{m}}{\frac{2}{d}} \frac{\frac{6}{d}}{\frac{2}{y}} \frac{\frac{0}{y}}{\frac{2}{y}} \frac{2}{\frac{2}{y}}$
bailed only	20	Time	c: [
pumped only	50	bottom 13. Water clarity	$- \frac{1}{\Box} \frac{1}{\Box}$	_	
	<u>2 0</u> min.		Turbid I 1 5 (Describe)	Turbid 🛛 (Describe	2 2 5
4. Depth of well (from top of well casisng) $-\frac{3}{5}$	<u>5</u> ft.				
5. Inside diameter of well $-\frac{4}{2}$.	2 <u>6</u> in.				
	<u>1</u> gal.	Fill in if drilling fluid	is were used and v	well is at solid wa	aste facility:
7. Volume of water removed from well $\underline{} \underline{} \underline{} \underline{} \underline{} \underline{} \underline{}$	<u>0</u> gal.	14. Total suspended		mg/l	mg/i
8. Volume of water added (if any)	gal.	solids			
9. Source of water added		15. COD		_ mg/l	mg/l
		16. Well developed b	y: Name (first, last)	and Firm	
10. Analysis performed on water added? (If yes, attach results)	es 🛛 No	First Name: Matt		ast Name: Grady	
		Firm: WSP			

17. Additional comments on development:

At time of development, well was an unfinished PVC stickup. Later completed with flush-mount protective cover.

Name an First Name:	d Address of Facility Contact /Owner/Responsible Party Last Beaster Name: Beaster	I hereby ce of my know	ertify that the above information is true and correct to the best wledge.
Facility/F	im: _Enbridge Energy LP	Signature:	Tim that
Street:	11 East Superior St, Suite 125	Print Name:	Timothy Huff
City/Stat	e/Zip: Duluth, MN 55802	Firm:	WSP

	Watershed/Wastewater	Waste Mana		MONITORING WELL Form 4400-113A	CONSTRUCTION Rev. 7-98
	Remediation/Redevelopment X			Well Name	
	Local Olio Location of Wen	⊐N. ⊐S	ft. 🗆 E.	RW-11	
Line 13 MP 312 Valve Site					
Facility License, Permit or Monitoring No.	Local Grid Origin 🔲 (estim	nated: ∐) or		Wis. Unique Well No.	DNK WEII ID No.
	Lat	Long	or		
Facility ID	St. Plane 2269908 ft. N	000004	ft. E. S/C/N	Date Well Installed	4 0 10 0 0 1
-		,			$\frac{1}{d} \frac{3}{d} \frac{2}{v} \frac{0}{v} \frac{2}{v} \frac{1}{v}$
Type of Well	Section Location of Waste/So	urce	ΔE	Well Installed By: Nan	ne (first_last) and Firm
	<u>NW</u> 1/4 of <u>SW</u> 1/4 of Sec.	. <u>8</u> , T . <u>5</u>	<u>N, R. 14</u> □ W	Josh Parks	
	Location of Well Relative to V	Waste/Source	Gov. Lot Number		
Distance from Waste/ Enf. Stds.	u 🗆 Upgradient s 🖸	Sidegradient		Environmental Wo	orke
Source 50 ft. Apply	d 🗆 Downgradient n 🗖	Not Known			
A. Protective pipe, top elevation	ft. MSL		. Cap and lock?	-	🛛 Yes 🗖 No
			. Protective cover	oipe:	
B. Well casing, top elevation $-\frac{814}{-4}$	³⁹ ft. MSL ////		a. Inside diameter	-	_ <u>8</u> _ in.
	80				ft.
C. Land surface elevation	⁸⁰ ft. MSL		b. Length:		
			c. Material:		Steel 🖾 04
D. Surface seal, bottom ft. MS	SL OF IL				Other 🛛 📃
12. USCS classification of soil near screet	n:	North Color	d. Additional pro	tection?	🗆 Yes 🖾 No
GP GM GC GW G	sw 🖾 sp 🖾 📔 🔪 🚺		If yes, describ		
	сі 🗇 сн 🗇 🔪 🛄		, ,		Bentonite 🗆 30
Bedrock		833 \ 3	. Surfacc scal:		
13. Sieve analysis performed?	Vas MINa				Concrete 🖾 01
	Yes 🛛 No				Other 🛛 🔡
14. Drilling method used: Ro	tary □ 50 🛛 🗱	- XXX - 4	. Material between	well casing and protective	ve pipe:
Hollow Stem A	uger 🗆 4 1 🛛 🎇				Bentonite 🛛 30
rotosonic O	ther 🛛 💭 💥		clean sand		Other 🖾 🧾
				al: a. Granular/Chippe	
15. Drilling fiuid used: Water 🗆 0 2	Air 🗆 01		Annular space se		
	None 299	1		nud weight Bentonite	
				nud weight Bente	
				ite Bentonite-c	
16. Drilling additives used?	Yes 🛛 No	1 XX .	<u>3</u> Ft	³ volume added for any o	of the above
NI/A			f. How installed		Tremie 🗖 01
Describe N/A			, now instants		the pumped \Box 0.2
17. Source of water (attach analysis, if requ	uired):			iiiiii	· · · · ·
N/A				B	Gravity ⊠ 08 ite granules □ 33
	🐰	500 C	Bentonite seal:		U L
			b. ∐1/4 in. ⊠	3/8 in. 🗆 1/2 in. Ber	ntonite chips 🖾 32
E. Bentonite seal, top ft. MS	Lorft. 🞇		с		Other 🛛 🎡
F. Fine sand, top ft. MS	SLor <u>15ft.</u> X		. Fine sand materia	al: Manufacturer, produce	et name & mesh size
	X		a. Fine Silica	Sand	
o File al a fe Mo	SLor _ $\frac{16}{16}$ ft.			1 0.5 ft	3
G. Filter pack, top ft. MS	^{¹¹¹¹ ¹¹}		b. Volume addee		
		8 18	•	ial: Manufacturer, produ	ct name & mesh size
H. Screen joint, top ft. MS	L or It.	_!] /	a. 20/40 Silica		
			b. Volume added	d5ft	3
I. Well bottom ft. MS	SLor <u>32</u> ft.	s s	. Well casing:	Flush threaded PVC so	hedule 40 🛛 23
				Flush threaded PVC sc	
J. Filter pack, bottomft. MS	33 A			This includes T + C 50	—
J. Filler pack, boltom ic loss				Sch 40 PVC	Other 🛛 🚛
	33	10). Screen material:		82
K. Borehole, bottom	$L \text{ or } _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ $	H.	a. Screen type:		Factory cut 🖾 11
				Cont	inuous slot 🗖 01
L. Borehole, diameter $-\frac{8}{-}$ in.					Other 🛛 🔛
			b. Manufacturer		
4.500					0. <u>0 1 0 in</u> .
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4.026		\	d. Slotted length		_ <u>15</u> ft.
N. I.D. well casing 4.020 in.		11	. Backfill material	(below filter pack):	None 🖾 14
					Other 🛛 🔬
I hereby certify that the information on this	form is true and correct to the	best of my know	wledge.		
Signature	Firm		-		
	WSP)			

MONITORING	WELL DEVELOPMENT
Form 4400-113B	Rev. 7-98

Form 4400-113B

Route to: Watershed/Waste	ewater	Waste Managemen	t 🔲		
Remediation/Rec	levelopment 🔀	Other 🕅			
Facility/Project Name Line 13 MP 312 Valve Site		Jefferson	Well Name	RW-11	
Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well N	lumber 	DNR Well	ID Number
surged with bailer and pumped Image: surged with block and bailed surged with block and pumped Image: surged with block, bailed and pumped surged with block, bailed and pumped Image: surged with block, bailed and pumped compressed air Image: surged with block, bailed and pumped bailed only Image: surged with block, bailed and pumped pumped only Image: surged with block, bailed and pumped pumped only Image: surged with block, bailed and pumped Other Image: surged with block, bailed and pumped 3. Time spent developing well 1	$ \begin{array}{c c} \text{4 1} \\ \text{6 1} \\ \text{4 2} \\ \text{6 2} \\ \text{7 0} \\ \text{2 0} \\ \text{1 0} \\ \text{5 1} \\ \text{5 0} \\ \hline 5 0 \\ \hline 5 1 \\ \hline 5 1 \\ \hline 5 1 \\ \hline 5 1 \\ \hline 5$	 11. Depth to Water (from top of well casing) Date Time 12. Sediment in well bottom 13. Water clarity 	a. $3 0$ b. $\frac{0}{m} \frac{8}{m} / \frac{2}{d} \frac{6}{d}$ c. \ldots :	$\frac{1}{2} \frac{8}{y} \frac{\text{ft.}}{\text{ft.}}$ $\frac{1}{2} \frac{0}{2} \frac{2}{y} \frac{2}{y} \frac{2}{y}$ $\frac{1}{2} a.m.$ $\frac{1}{2} p.m.$ $\frac{0}{2} \text{ inches}$ $\frac{0}{5} \frac{1}{2} 1$	After Development $ \begin{array}{c} \underline{3} & \underline{3} & \underline{0} & \underline{0} & \text{ft.} \\ \underline{1} & \underline{0} & \underline{8} & /\underline{2} & \underline{6} & /\underline{2} & \underline{0} & \underline{2} & \underline{1} \\ \underline{1} & \underline{0} & \underline{8} & /\underline{2} & \underline{6} & /\underline{2} & \underline{0} & \underline{2} & \underline{1} \\ \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} \\ \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} \\ \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} \\ \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} \\ \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} \\ \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} \\ \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} \\ \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} \\ \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} \\ \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} \\ \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} \\ \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} \\ \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} \\ \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} \\ \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} \\ \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} \\ \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} \\ \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} \\ \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} \\ \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} \\ \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} \\ \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} \\ \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} \\ \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} \\ \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} \\ \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} \\ \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} & \underline{1} \\ \underline{1} & \underline{1} \\ \underline{1} & \underline{1} \\ \underline{1} & \underline{1} \\ \underline{1} & \underline{1} &$
5. Inside diameter of well $-\frac{4}{2}$.	0_2 <u>6</u> in.				
	7 <u>4</u> gal. 5 <u>0</u> gal.	_			solid waste facility:
8. Volume of water added (if any)	gal.	solids	'	·6/1	
9. Source of water added		15. COD		mg/l	mg/l
		16. Well developed	by: Name (first, l	ast) and Firm	
10. Analysis performed on water added?	es 🛛 No	First Name: Matt		Last Name:	Grady
		Firm: WSP			

17. Additional comments on development:

At time of development, well was an unfinished PVC stickup. Later completed with flush-mount protective cover.

Name an First Name:	d Address of Facility Contact /Owner/Responsible Party Last Beaster Name: Beaster	I hereby co of my kno	ertify that the above information is true and correct to the best wledge.
Facility/F	im: _Enbridge Energy LP	Signature:	Tim that
Street:	11 East Superior St, Suite 125	Print Name:	Timothy Huff
City/Stat	e/Zip: Duluth, MN 55802	Firm:	WSP
Street:	11 East Superior St, Suite 125	Print Name:	Timothy Huff

ENCLOSURE B – WASTE MANIFEST AND LAND DISPOSAL RESTRICTION FORMS

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		erator's Name and Mailin Dridge Line 13					<u> </u>			an mailing addres				
1		9 North 25th ((Talve			W686	i3 West	pha l Lai	ne				
	Su	perior, WI 548 ator's Phone: (218)	380 341-3863	ATTN:Re	oss Peterson	I	Fort A	tkinson	WI 535	38				
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	30 El C	S American Ci Dorado, AR 71 (s Phone:	730 (870) 863-							AR 0	069	7481	.92	
	9а. НМ	9b. U.S. DOT Descript and Packing Group (if		ar Shipping Name, H	Hazard Class, ID Num	ber.		10. Contai No.	ners Type	11. Total Quantity	12. Unit Wt./Vol.	13. \	- Vasle Code:	;
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Land Disposal Restriction Notification Form

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Page : 1 of 1

Printed Date :Nov 04, 2021

MANIFESTIN	FORMATION						
Generator : Enbridge Line 13 Blackhawk Valve			Manifest Tracking Info.				
Address: W6863 Westphal Lane Fort Alkinson,W1 53538			013783145FLE				
EPA IC		0177691	Sales Order No: 2105602743-002				
LINE ITEM IN	FORMATION			·•			
Line Item:	e Item: Page No: Profile No: Treatability G			p: LDR Disposal Category			
1.	1	CH2244279	WASTEWATER	2 (This is subject to LDR.)			
EPA Waste C	ode			EPA Wa	ste SubCategory	+= <u>-</u>	
DQ18				NONE			
			LDR Chemical D)ala			
Chemical				Underlying Hazardous Constituents	Constituents of Concern	Contaminants Subject to Treatment	
BENZENE				Y	N	N	
ETHYL BENZE				Y	N	N	
METHYLETHY	YL KETONE			Y	N	N	
TOLUENE				Ŷ	N	N	
XYLENES (MI	XED ISOMERS)		Y	<u>N</u>	N	
		<u>Ce</u>	rtification			Applies to Manifest Line Items	
Pursuant to 40 Part 208.) CFR 269.7(a),	I hereby notify that	this shipment contair	is waste rest	ricted under 40 CFR	1.	
Waste analysi Signature :	s data, where a	vailable, is attached.	ON Behalf Of Print Na		Luft Corney	- L	
Title :	-Geu	ogist	Date :	Ĩ.	15/21		

1 UNI	Generator acking or type IFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	1	2. Fage 1 of	the characteristics 3. Emergency Response (800) 483-3 Generator's Site Address	749	0	1310	^{nber} 831	76 F	ELE
5.Ge	encial Tarm and Mail	3 Blackhawk Valv Street East			W6863 West Fort Atkinson	phal Lar	ne				
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ENCLOSURE C – ENGINEER CERTIFICATION

Interim Action Construction Completion Report Addendum Enbridge Line 13 MP 312 Valve Site Blackhawk Island Road Fort Atkinson, Wisconsin BRRTS Number: 02-28-586199

I, Craig Anderson, hereby certify that I am a registered professional engineer in the State of Wisconsin, registered in accordance with the requirements of ch. A-E 4, Wis. Adm. Code; that this document has been prepared in accordance with the Rules of Professional Conduct in ch. A-E 8, Wis. Adm. Code; and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

Craig Anderson, P.E. Practice Leader, Wisconsin P.E. #35076-6



1/5/2022

Date