729055690

State of Wisconsin Department of Natural Resources dnr.wi.gov

Notification For Hazardous Substance Discharge (Non-Emergency Only)

Form 4400-225 (09/13)

Page 1 of 2

Emergency Discharges / Spills should be reported via the 24-Hour Hotline: 1-800-943-0003

Notice: Hazardous substance discharges must be reported immediately according to s. 292.11 Wis. Stats. Non-emergency hazardous substance discharges may be reported by telefaxing or e-mailing a completed report to the Department, or calling or visiting a Department office in person. If you choose to notify the Department by telefax or by email, you should use this form to be sure that all necessary information is included. However, use of this form is not mandatory. Under s. 292.99, Wis. Stats., the penalty for violating the reporting requirements of ch. 292 Wis. Stats., shall be no less than \$10 nor more than \$5000 for each violation. Each day of continued violation is a separate offense. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than program administration. However, information submitted on this form may also be made available to requesters under Wisconsin's Open Records Law (ss. 19.31 – 19.39, Wis. Stats.).

Records Law (ss. 19.31 – 19.39, Wis. Stats.).

Confirmatory laboratory data should be included with this form, to assist the DNR in processing this Hazardous Substance Release Notification.

Notification.												eta: j. :
Complete this form. TYPE o potential release from (check		NOTIFY	appropri	iate DN	NR regio	n (see	next pa	age) <u>IMN</u>	MEDIA	ATELY up	on disc	covery of a
 ☐ Underground Petroleum ☐ Aboveground Petroleum ☐ Dry Cleaner Facility ☐ Other - Describe: Militar 	Storage Tank Syst	em			Tage III	32,-	red for	ltem 6 b	elow)		4	
	ram Associate	o i i ogiumi	TYTOMICTO	no reco				Date	DNE	R Notified:	1-1	7-11
1. Discharge Reported By							1	Date	DIVI	C TVOLINGU.	1 (LIT
Name Dan Gonnering		Firm Vol	n k Field C	CRTC/C	EVP				F		(includ 08) 427-	e area code) -1397
Mailing Address 100 Independence Drive, New	Lisbon, WI 53950									Address aniel.Gonr	nering@	ang.af.mil
2. Site Information											101	
Name of site at which discharge property. Volk Field - Former		de local na	me of si	ite/bus	iness, <u>no</u>	ot resp	onsible	party na	ame,	unless a r	esidend	ce/vacant
Location: Include street addr on E side of CTH 60. SE of a					ibe as p	recise	ly as po	ossible, i	.e., 1/	/4 mile NV	V of CT	Hs 60 & 123
Municipality: (City, Village, T Township: 17N, Range: 2E	ownship) Specify m	nunicipality	in which	n the si	te is loca	ated, <u>r</u>	ot mail	ing addr	ess/c	ity.	1900	
County: Juneau	Legal Description:	4 Sec _	Tn	F	Range _)E O	WTM X		34944	Υ	249000
3. Responsible Party (RP) Responsible Party Name: Bunecessary.			respons	sible fo	r cleanu	p. If m	ore tha	n one, lis	st all.	Attach ac	ditiona	l pages as
US ANG - Volk Field CRTC												
Reported in compliance For more information see	with s. 292.11(2), V http://dnr.wi.gov	Vis. Stats., /topic/Bro	by a loc wnfield:	al gove s/Liabi	ernment ility.htm	exem	pt from	liability ι	under	s. 292.11	(9)(e), \	Wis. Stats.
Contact Person Name (if different) SAA	rannos egatena Ruma kompeten			in head	Phone	Numb	er	Em	ail Ad	ldress	Tarance To Man	
Mailing Address		Switch is			City	43-1	ga paik	Sta	ite	ZIP Code	i ja	
Property owner if Different F pages as necessary. SAA	rom RP: Business o	or owner na	ame that	t is res	ponsible	for cl	eanup.	If more t	than o	one, list all	. Attac	h additional
Contact Person Name (if different)					Phone	Numb	per	Em	ail Ad	Idress		S. L. Je-1 Orto Kell
Mailing Address					City			Sta	ate	ZIP Code		
	The state of the s	. C zgn-z	M-151	NF 6.1					1 01		34,12	(and the second
												(continued)

Page		

4. Hazardous Substance I	nformation	age and it changes and the concentration of the first property of the contract of the second
Identify hazardous substance	e discharged (check all that apply):	
☐ VOC's	☐ Diesel	☐ PERC (Dry Cleaners)
PAH's	☐ Fuel Oil	RCRA Hazardous Waste
	☐ Gasoline	Leachate
Metals (specify):	Hydraulic Oil	- ···
Arsenic	☐ Jet Fuel	Fertilizer
Chromium	☐ Mineral Oil	Pesticide/Herbicide/Insecticide(s)
Cyanide	☐ Waste Oil	Other (specify):
⊠ Lead		Unknown
PCB's	Petroleum-Unknov	vn Type
5. Impacts to the Environ	nent Information	en altra endeletista promação bito i deputado arabas do maso tragador se sua
Enter "K" for known/confirm	ed or "P" for potential for all that apply.	
Air Contamination		wer Contamination P Soil Contamination
Co-Contamination (Petr		ion in Right of Way Storm Sewer
Non-Petroleum)	Fire Explos	
Contamination Within 1		
Contaminated Private V		er Contamination Within 1000 ft of Public Well
Contaminated Public V	· · · · · · · · · · · · · · · · · · ·	
Contamination in Fractu	ured Bedrock Other (spec	ify):
Contamination was discover	ed as a result of:	
Tank closure assessme	ent Site assessment	Other - Describe: Remedial investigation of munitions response sites
Date	Date	Date
Lab results:	sults will be faxed upon receipt	Lab results are attached
Additional Comments: Inclu		s taken to halt the release and contain or cleanup
Remedial investigation has	been completed. Recommendation to cor	nplete non-time critical interim removal actions.
6. Federal Energy Act Red	quirements (Section 9002(d) of the Soli	d Waste Disposal Act (SWDA))
For all confirmed releases	Source	Cause
from UST's occurring after	☐ Tank	☐ Spill
9/30/2007 please provide	Piping	Overfill
the following information:	Dispenser	Corrosion
*	Submersible Turbine Pump	☐ Physical or Mechanical Damage
N Decement apply	Delivery Problem	☐ Installation Problem
Does not apply.	Other (specify):	Other (does not fit any of above)
		Unknown
Contact information to re	port non-emergency releases in DNR	's five regions are as follows:
Northeast Region (FAX: 9	920-662-5197); Attention – R&R Progra	m Associate: DNRRRNER@wisconsin.gov
		e South Central Region), Green Lake, Kewaunee, Manitowoc, Sheboygan, Waupaca, Waushara, Winnebago counties
Northern Region (FAX: 7	l5-623-6773); Attention – R&R Progran	Associate: DNRRRNOR@wisconsin.gov
Ashland, Barron, Bayfield Sawyer, Taylor, Vilas, Wa		Langlade, Lincoln, Oneida, Polk, Price, Rusk,
	•	ogram Associate: DNRRRSCR@wisconsin.gov
Rock, Sauk, Walworth co	unties	int, Green, Iowa, Jefferson, Lafayette, Richland,
		m Associate: DNRRRSER@wisconsin.gov
	aukee, Racine, Washington, Waukesha c	
	•	gram Associate: DNRRRWCR@wisconsin.gov
	a, Clark, Crawford, Dunn, Eau Claire, Jac , Trempealeau, Vernon, Wood counties	kson, Juneau, LaCrosse, Marathon, Monroe, Pepin,



March 6, 2015

Ms. Mae Wilkom Wisconsin Department of Natural Resources 1300 West Clairemont Avenue Eau Claire, WI 54701 (715) 839-3700

REFERENCE:

W912DR-13-D-0017, Delivery Order (DO) 0001

Regional Compliance Restoration Program (CRP) Preliminary Assessment / Site Investigation (PA/SI) at Volk Field Combat Readiness Training Center

(CRTC)

SUBJECT:

Submittal of WDNR Form 4400-225 Notification For Hazardous Substance Discharge (Non-Emergency Only) for Multiple Areas of Concern (AOCs)

Dear Ms. Wilkom:

Attached are completed WDNR Forms 4400-225 for eight AOCs based upon results of CRP SI activities conducted at Volk Field CRTC in September 2015. A form has been completed for each AOC at which one or more constituents were detected in soil at a concentration exceeding the WDNR soil non-industrial residual contaminant level and/or one or more constituents were detected in groundwater at a concentration exceeding the NR 140 protective action limit or enforcement standard. Each form is followed by a summary table of analytical results for soil and/or groundwater, as appropriate. These results are not necessarily indicative of an historical release but the 4400-225 forms are being submitted per your verbal request during the February 12, 2015, quarterly status telecom.

Complete analytical results will be included in the Draft Final PA/SI Report, which is currently scheduled for transmittal to your office in April 2015. We look forward to your feedback on the proposed path forward for each AOC.

Sincerely,

Jill Kovalchik Task Manager

cc:

Fred Kimble, NGB/A7OR Dan Gonnering, Volk Field Doug Barber, BB&E

jel m. Kovalchilo

Selvam Arunachalam, Leidos Project Manager

SKEXI

01-29-563552

State of Wisconsin' Department of Natural Resources dnr.wi.gov

Notification For Hazardous Substance Discharge (Non-Emergency Only)

Form 4400-225 (09/13)

Page 1 of 2

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Confirmatory laboratory data Notification.	a should be included v	with this form, to a	ssist the DNR in process	sing this	Hazardous Substance Release
Complete this form. TYPE of potential release from (chec		OTIFY appropriate D	DNR region (see next page	e) <u>IMME</u> D	NATELY upon discovery of a
☐ Underground Petroleum ☐ Aboveground Petroleum ☐ Dry Cleaner Facility ☐ Other - Describe: Potent	Storage Tank System			hop UST (TU023)
	ram Associate			Date DN	R Notified: 3-6-15
Discharge Reported By Name		Firm			Phone No. (include area code)
Jill Kovalchik		Leidos			(865) 481-4798
Mailing Address 301 Laboratory Rd. Oak Ridge	, TN 37830			Emai	l Address kovalchikj@leidos.com
2. Site Information				L	
Name of site at which discha property. Volk Field Combat	•		siness, <u>not</u> responsible pa	rty name	, unless a residence/vacant
Location: Include street addr on E side of CTH 60. 100 Inc		street address, des	cribe as precisely as possi	ble, i.e.,	1/4 mile NW of CTHs 60 & 123
Municipality: (City, Village, T Camp Douglas	ownship) Specify munic	cipality in which the	site is located, <u>not mailing</u>	address/	city.
County: Juneau	Legal Description: 1/4 1/4 S	ecTn	Range CE CW	Λ/TM: Х	720186 Y 486819
3. Responsible Party (RP)	and/or RP Representa	ative			
Responsible Party Name: Bu necessary.	isiness or owner name	that is responsible f	or cleanup. If more than o	ne, list all	l. Attach additional pages as
WI Air National Guard - Volk F	ield				
Reported in compliance For more information see	with s. 292.11(2), Wis. s http://dnr.wi.gov/top	Stats., by a local go ic/Brownfields/Lia	vernment exempt from liab bility.html	oility unde	er s. 292.11(9)(e), Wis. Stats.
Contact Person Name (if different) Dan Gonne	ering		Phone Number (608) 427-1397	Email A D	ddress aniel.Gonnering@ang.af.mil
Mailing Address 100 Independence Dr.			City Camp Douglas	State WI	ZIP Code 54618
Property owner if Different F pages as necessary.	rom RP: Business or ov	wner name that is re	sponsible for cleanup. If m	nore than	one, list all. Attach additional
Contact Person Name (if different)		W15//	Phone Number	Email A	ddress
Mailing Address			City	State	ZIP Code
				_l	(continued)

Notification For Hazardous Substance Discharge (Non-Emergency Only) Form 4400-225 (09/13) Page 2 of 2

4. Hazardous Substance I	nformation
Identify hazardous substance	ce discharged (check all that apply):
☐ VOC's	☐ Diesel ☐ PERC (Dry Cleaners)
PAH's	☐ Fuel Oil ☐ RCRA Hazardous Waste
	Gasoline Leachate
Metals (specify):	Hydraulic Oil
Arsenic Arsenic	☐ Jet Fuel ☐ Fertilizer ☐ Re-stride (Near-stride (near-s
Chromium	☐ Mineral Oil ☐ Pesticide/Herbicide/Insecticide(s)
Cyanide	☐ Waste Oil ☐ Other (specify):
Lead	\times Unknown
PCB's	Petroleum-Unknown Type
5. Impacts to the Environ	
	ed or "P" for potential for all that apply.
Air Contamination	Sanitary Sewer Contamination Soil Contamination Storm Sewer
Co-Contamination (Peti Non-Petroleum)	Obligation and Contracting Con
•	Fire Explosion Threat Surface Water Contamination Meter of Bedrock Free Product Within 100 ft of Private Well
Contamination Within 1 Contaminated Private V	*** Separation of the separati
	The state of the s
Contaminated Public V Contamination in Fracti	· · · · · · · · · · · · · · · · · · ·

Contamination was discover	
Tank closure assessme	
Date	Date 09/04/2014 Date
	sults will be faxed upon receipt
Additional Comments: Inclu hazardous substances that	de a brief description of immediate actions taken to halt the release and contain or cleanup have been discharged.
No immediate actions are re	equired due to historic nature of release.
6. Federal Energy Act Rec	quirements (Section 9002(d) of the Solid Waste Disposal Act (SWDA))
For all confirmed releases	Source Cause
from UST's occurring after	Tank Spill
9/30/2007 please provide	Piping Overfill
the following information:	☐ Dispenser ☐ Corrosion
	Submersible Turbine Pump Physical or Mechanical Damage
Does not apply.	☐ Delivery Problem ☐ Installation Problem
[X] Does not apply.	Other (specify): Other (does not fit any of above)
	Unknown
	port non-emergency releases in DNR's five regions are as follows:
Northeast Region (FAX: 9	20-662-5197); Attention R&R Program Associate: DNRRRNER@wisconsin.gov
	and du Lac (except City of Waupun - see South Central Region), Green Lake, Kewaunee, Manitowoc, nominee, Oconto, Outagamie, Shawano, Sheboygan, Waupaca, Waushara, Winnebago counties
Northern Region (FAX: 7	15-623-6773); Attention R&R Program Associate: DNRRRNOR@wisconsin.gov
Ashland, Barron, Bayfield Sawyer, Taylor, Vilas, Wa	, Burnett, Douglas, Forest, Florence, Iron, Langlade, Lincoln, Oneida, Polk, Price, Rusk, shburn counties
	X: 608-273-5610); Attention R&R Program Associate: DNRRRSCR@wisconsin.gov
= :	Fond du Lac (City of Waupun only), Grant, Green, Iowa, Jefferson, Lafayette, Richland,
Rock, Sauk, Walworth co	
	aukee, Racine, Washington, Waukesha counties
	(: 715-839-6076): Attention R&R Program Associate: DNRRRWCR@wisconsin gov

Vest Central Region (FAX: 715-839-6076); Attention -- R&R Program Associate: DNRRRWCR@wisconsin.gov Adams, Buffalo, Chippewa, Clark, Crawford, Dunn, Eau Claire, Jackson, Juneau, LaCrosse, Marathon, Monroe, Pepin, Pierce, Portage, St. Croix, Trempealeau, Vernon, Wood counties

Table 5-5. Summary of Groundwater Analytical Results at TU023

Location			TU023-SB1	TU023-SB2	TU023-SB3
Sample ID			VLK-23-GW-01-01	VLK-23-GW-02-01	VLK-23-GW-03-01
Sample Date			9/4/2014	9/4/2014	9/4/2014
Media	NR 140	NR 140 ES	Groundwater	Groundwater	Groundwater
Sample Type	PAL (μg/L)	(μg/L)	Grab	Grab	Grab
			SVOCs (µg/L)		
bis(2-Ethylhexyl)phthalate	0.6	6	8.70 J	7.77 J	8.41 J
			PAHs (μg/L)		
Benzo(a)pyrene	0.02	0.2	0.0074 J	0.038 U	0.0055 J
Benzo(b)fluoranthene	0.02	0.2	0.0098 J	0.038 U	0.0095 U
Benzo(g,h,i)perylene	NA	NA	0.0090 J	0.038 U	0.0061 J
Fluoranthene	80	400	0.012 J	0.038 U	0.011 J
Phenanthrene	NA	NA	0.013 J	0.046 U	0.014 J
Pyrene	50	250	0.0092 J	0.038 U	0.011 J
			Metals (μg/L)		
Arsenic	1	10	15.5 J	8.73 J	10.0 J
Barium	400	2000	277	286	456
Cadmium	0.5	5	0.714 J	1.25 U	1.25 U
Chromium	10	100	373 J	135 J	81.3 J
Lead	1.5	15	35.2	17.3 J	16.1 J
Mercury	0.2	2	0.373 J	0.250 U	0.254 J
Selenium	10	50	23.0 J	6.00 J	4.53 J
Silver	10	50	0.627 J	1.25 U	1.25 U

Bold/highlighted text denotes concentration exceeding the Wisconsin NR 140 PAL.

Red/bold/highlighted text denotes concentration exceeding the Wisconsin NR 140 ES.

ES = Enforcement Standard

ID = Identifier

NA = Not Available

NR = Natural Resources

PAH = Polynuclear Aromatic Hydrocarbon

PAL = Preventative Action Limit

SVOC = Semivolatile Organic Compound

Data Qualifiers

 \overline{J} = Estimated concentration.

U = Not detected at the concentration shown.

Site \$3

01-29-563553

State of Wisconsin Department of Natural Resources dnr.wi.gov

Mailing Address

Notification For Hazardous Substance Discharge (Non-Emergency Only)

Form 4400-225 (09/13) Page 1 of 2

Emergency Discharges / Spills should be reported via the 24-Hour Hotline: 1-800-943-0003

Notice: Hazardous substance discharges must be reported immediately according to s. 292.11 Wis. Stats. Non-emergency hazardous substance discharges may be reported by telefaxing or e-mailing a completed report to the Department, or calling or visiting a Department office in person. If you choose to notify the Department by telefax or by email, you should use this form to be sure that all necessary information is included. However, use of this form is not mandatory. Under s. 292.99, Wis. Stats., the penalty for violating the reporting requirements of ch. 292 Wis. Stats., shall be no less than \$10 nor more than \$5000 for each violation. Each day of continued violation is a separate offense. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than program administration. However, information submitted on this form may also be made available to requesters under Wisconsin's Open Records Law (ss. 19.31 – 19.39, Wis. Stats.).

Confirmatory laboratory data should be included with this form, to assist the DNR in processing this Hazardous Substance Release Notification. Complete this form. TYPE or PRINT LEGIBLY. NOTIFY appropriate DNR region (see next page) IMMEDIATELY upon discovery of a potential release from (check one): Underground Petroleum Storage Tank System (additional information may be required for Item 6 below) Aboveground Petroleum Storage Tank System Dry Cleaner Facility Other - Describe: Potential impacts from historical base activities associated with an unknown pipe at the Mower Shed (TU024) ATTN DNR: R & R Program Associate Date DNR Notified: 1. Discharge Reported By Name Firm Phone No. (include area code) Jill Kovalchik Leidos (865) 481-4798 Mailing Address Email Address 301 Laboratory Rd. Oak Ridge, TN 37830 kovalchiki@leidos.com 2. Site Information Name of site at which discharge occurred. Include local name of site/business, not responsible party name, unless a residence/vacant property. Volk Field Combat Readiness Training Center Location: Include street address, not PO Box. If no street address, describe as precisely as possible, i.e., 1/4 mile NW of CTHs 60 & 123 on E side of CTH 60. 100 Independence Dr. Municipality: (City, Village, Township) Specify municipality in which the site is located, not mailing address/city. Camp Douglas County: Legal Description: WTM: 720218 486819 Juneau 1/4 1/4 Sec Tn Range 3. Responsible Party (RP) and/or RP Representative Responsible Party Name: Business or owner name that is responsible for cleanup. If more than one, list all. Attach additional pages as necessary. WI Air National Guard - Volk Field Reported in compliance with s. 292.11(2), Wis. Stats., by a local government exempt from liability under s. 292.11(9)(e), Wis. Stats. For more information see http://dnr.wi.gov/topic/Brownfields/Liability.html. Contact Person Phone Number **Email Address** Name (if different) Dan Gonnering (608) 427-1397 Daniel.Gonnering@ang.af.mil Mailing Address ZIP Code City State 100 Independence Dr. Camp Douglas WI 54618 Property owner if Different From RP: Business or owner name that is responsible for cleanup. If more than one, list all. Attach additional pages as necessary. Contact Person **Email Address** Phone Number Name (if different)

City

State

ZIP Code

(continued)

4. Hazardous Substance II	nformation			
Identify hazardous substanc	e discharged (che	eck all that apply):	***************************************	
☐ VOC's		Diesel ` [PERC (Dry C	Cleaners)
☐ PAH's		Fuel Oil	RCRA Hazar	dous Waste
The state of the state of		Gasoline	Leachate	
Metals (specify):		Hydraulic Oil	7 Fadilinas	
☐ Arsenic		Jet Fuel	☐ Fertilizer ☐ Pesticide/He	rbicide/Insecticide(s)
☐ Chromium		Mineral Oil		rbiolae/maccilclac(c)
Cyanide		☐ Waste Oil	Other (specif	ý):
Lead			Unknown	
PCB's		Petroleum-Unknown Type	G1.00	
5. Impacts to the Environn	nent Information			
Enter "K" for known/confirme	ed or "P" for poter	* * *		
Air Contamination		Sanitary Sewer Contamina		Soil Contamination
Co-Contamination (Petro Non-Petroleum)	oleum &	Contamination in Right of	Way	Storm Sewer
,	MA. 4	Fire Explosion Threat		Surface Water Contamination
Contamination Within 1		Free Product P Groundwater Contamination	~~	Within 100 ft of Private Well
Contaminated Private W Contaminated Public W		Off-Site Contamination	Uli	Within 1000 ft of Public Well
Contamination in Fractu		Other (specify):		
		Ottler (specify).		
Contamination was discovered Tank closure assessment		e assessment	Describe:	
	7 -		Describe	
Date	_ Date_	09/06/2014 Date		
	sults will be faxed			
Additional Comments: Inclu- hazardous substances that h		tion of immediate actions taken to halt	the release and	d contain or cleanup
No immediate actions are re	quired due to nist	oric nature of release.		
6. Federal Energy Act Req	uirements (Sect	ion 9002(d) of the Solid Waste Dispo	osal Act (SWD	A))
For all confirmed releases	[Tople	Source		<u>Cause</u>
from UST's occurring after 9/30/2007 please provide	☐ Tank		Spill	1
the following information:	Piping		Overfill	
•	☐ Dispenser	Turking Duma	Corros	
	—	Turbine Pump		al or Mechanical Damage
Does not apply.	Delivery Prol		ı —	ation Problem
	☐ Other (speci	19).	Unkno	(does not fit any of above)
Contact information to rea	ort non-emerge	ency releases in DNR's five regions	Lund	
•	•	tention R&R Program Associate:		
		ot City of Waupun - see South Centra	_	· · · · · · · · · · · · · · · · · · ·
		Outagamie, Shawano, Sheboygan, W		
	•	ention R&R Program Associate:	_	, •
		, Forest, Florence, Iron, Langlade, Lin	coln, Oneida, P	Polk, Price, Rusk,
Sawyer, Taylor, Vilas, Was); Attention R&R Program Associa	ata, DNRRRS	P. A. Wiegonein gov
		of Waupun only), Grant, Green, low		-
Rock, Sauk, Walworth cou		or waapan only, crant, cross, low	a, ochoradir, Le	anayotto, Montano,
Southeast Region (FAX: 4	114-263-8550); A1	ttention R&R Program Associate:	DNRRRSER@	@wisconsin.gov
		ashington, Waukesha counties		
		; Attention R&R Program Associa I, Dunn, Eau Claire, Jackson, Juneau,		
Pierce, Portage, St. Croix,			Laciosse, Ividi	amon, momos, r spin,

Table 5-7. Summary of Groundwater Analytical Results at TU024

Location			TU024-SB1
Sample ID			VLK-24-GW-01-01
Sample Date			9/6/2014
Media	NR 140 PAL	NR 140 ES	Groundwater
Sample Type	(µg/L)	(μg/L)	Grab
	VOCs (μg/L)		
Acetone	1800	9000	9.75 J
	SVOCs		
bis(2-Ethylhexyl)phthalate	0.6	6	6.02 J
	PAHs (µg/L)		
2-Methylnaphthalene	NA	NA	0.020 J
Naphthalene	10	100	0.034 J
Phenanthrene	NA	NA	0.015 J
	Metals (μg/L)		
Arsenic	1	10	1.56 J
Barium	400	2000	213
Chromium	10	100	2.04 J
Selenium	10	50	0.712 J

Bold/highlighted text denotes concentration exceeding the Wisconsin NR 140 PAL.

Red/bold/highlighted text denotes concentration exceeding the Wisconsin NR 140 ES.

ES = Enforcement Standard

ID = Identifier

NA = Not Available

NR = Natural Resources

PAH = Polynuclear Aromatic Hydrocarbon

PAL = Preventative Action Limit

VOC = Volatile Organic Compound

Data Qualifiers

 \overline{J} = Estimated concentration.

SHE #3

01-29-513554

State of Wisconsin Department of Natural Resources dnr.wi.gov

Mailing Address

Notification For Hazardous Substance Discharge (Non-Emergency Only)

Form 4400-225 (09/13)

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Confirmatory laboratory data should be included with this form, to assist the DNR in processing this Hazardous Substance Release Notification. Complete this form. TYPE or PRINT LEGIBLY. NOTIFY appropriate DNR region (see next page) IMMEDIATELY upon discovery of a potential release from (check one): Underground Petroleum Storage Tank System (additional information may be required for Item 6 below) Aboveground Petroleum Storage Tank System ☐ Dry Cleaner Facility Other - Describe: Potential impacts from historical base activities associated with a former hydraulic lift at Bldg 324 (TU026) Date DNR Notified: 3-6-15 ATTN DNR: R & R Program Associate 1. Discharge Reported By Phone No. (include area code) Name Firm (865) 481-4798 Jill Kovalchik Leidos Email Address Mailing Address 301 Laboratory Rd. Oak Ridge, TN 37830 kovalchikj@leidos.com 2. Site Information Name of site at which discharge occurred. Include local name of site/business, not responsible party name, unless a residence/vacant property. Volk Field Combat Readiness Training Center Location: Include street address, not PO Box. If no street address, describe as precisely as possible, i.e., 1/4 mile NW of CTHs 60 & 123 on E side of CTH 60. 100 Independence Dr. Municipality: (City, Village, Township) Specify municipality in which the site is located, not mailing address/city. Camp Douglas Legal Description: County: 719955 486810 CECW Juneau 1/4 1/4 Sec Tn Range 3. Responsible Party (RP) and/or RP Representative Responsible Party Name: Business or owner name that is responsible for cleanup. If more than one, list all. Attach additional pages as necessary. WI Air National Guard - Volk Field Reported in compliance with s. 292.11(2), Wis. Stats., by a local government exempt from liability under s. 292.11(9)(e), Wis. Stats. For more information see http://dnr.wi.gov/topic/Brownfields/Liability.html. Contact Person Phone Number Email Address Name (if different) Dan Gonnering (608) 427-1397 Daniel.Gonnering@ang.af.mil Mailing Address ZIP Code City State 100 Independence Dr. Camp Douglas WI 54618 Property owner if Different From RP: Business or owner name that is responsible for cleanup. If more than one, list all. Attach additional pages as necessary. Contact Person Email Address Phone Number Name (if different)

City

(continued)

State

ZIP Code

Notification For Hazardous Substance Discharge (Non-Emergency Only) 4400-225 (09/13) Page 2 of 2

Form 4400-225 (09/13)

4. Hazardous Substance	Information				
Identify hazardous substan	ce discharged (che	ck all that apply):			
☐ VOC's		Diesel		PERC (Dry Clean	ers)
PAH's		Fuel Oil		RCRA Hazardous	s Waste
		Gasoline		Leachate	
Metals (specify):		Hydraulic Oil	_		
Arsenic		Jet Fuel		Fertilizer	
Chromium		☐ Mineral Oil		Pesticide/Herbicion	le/Insecticide(s)
Cyanide		Waste Oil			
Lead			L	Other (specify): _	
PCB's		Petroleum-Unkno	wn Type	Unknown	
F Imposto to the Environ	mant Information				
5. Impacts to the Environ Enter "K" for known/confirm				the deliberation of the de	
Air Contamination	led of it follower		ewer Contamina	ation P	Soil Contamination
Co-Contamination (Pet	roleum &		ation in Right of	***************************************	Storm Sewer
Non-Petroleum)	roleum a		sion Threat		Surface Water Contamination
Contamination Within 1	Mater of Redrock	***************************************			Within 100 ft of Private Well
Contaminated Private \		MARKATAN MA	uct Iter Contaminati	branarozonk	
annual training and a second an					Within 1000 ft of Public Well
Contaminated Public V			ontamination		
Contamination in Fract	игеа Веагоск	Other (spe	ecity):		
Contamination was discover					
Tank closure assessm	ent 🔀 Site	assessment	Other -	- Describe:	
Date	Date	09/06/2014	Date		
Lab results:	sults will be faxed	upon receipt	Lab results are	e attached	
Additional Comments: Inclu		7 7	•		ntain or cleanup
hazardous substances that			no tanon to nat	title followed and der	nam or oloahap
No immediate actions are re		-			
		orio nature of release.			
6. Federal Energy Act Re	quirements (Sect	on 9002(d) of the So	lid Waste Disp	osal Act (SWDA))	
For all confirmed releases		Source			<u>Cause</u>
from UST's occurring after	Tank			Spill	
9/30/2007 please provide the following information:	Piping			Overfill	
the following information.	Dispenser			Corrosion	
	Submersible	Turbine Pump		Physical or	Mechanical Damage
⊠ Doog not apply	Delivery Prol	olem		☐ Installation	Problem
Does not apply.	Other (specif	y):		Other (does	s not fit any of above)
				Unknown	
Contact information to re	port non-emerae	ency releases in DN	R's five region	s are as follows:	
Northeast Region (FAX:	•	•	_		consin.gov
	• • • • • • • • • • • • • • • • • • • •			_	.ake, Kewaunee, Manitowoc,
Marinette, Marquette, Me					
Northern Region (FAX: 7		_			-
Ashland, Barron, Bayfield Sawyer, Taylor, Vilas, Wa		, Forest, Florence, Iron	n, Langlade, Lin	icoln, Oneida, Polk,	Price, Rusk,
South Central Region (FA		; Attention R&R Pi	rogram Associ	ate: DNRRRSCR@	wisconsin.gov
Columbia, Dane, Dodge,	Fond du Lac (City				
Rock, Sauk, Walworth co Southeast Region (FAX:		tention R&R Progr	am Associate:	DNRRRSER@wis	consin.gov
Kenosha, Milwaukee, Oza	aukee, Racine, Wa	shington, Waukesha	counties		
West Central Region (FA)	(: 715-839-607 <u>6</u>);	Attention R&R Pro	ogram Associa	ite: DNRRRWCR@	wisconsin.gov

Adams, Buffalo, Chippewa, Clark, Crawford, Dunn, Eau Claire, Jackson, Juneau, LaCrosse, Marathon, Monroe, Pepin,

Pierce, Portage, St. Croix, Trempealeau, Vernon, Wood counties

	10020-561	1 UUZ0-SB1	1 UUZ0-SBZ	1 UUZ0-SBZ	1 UU20-SB2	1 0020-38
	VLK-26-SB-01-01	VLK-26-SB-01-02	VLK-26-SB-02-01	VLK-26-SB-02-01D	VLK-26-SB-02-02	VLK-26-SB-0
	9/6/2014	9/6/2014	9/6/2014	9/6/2014	9/6/2014	9/6/2014
WDNR RR	8.0 - 9.0	14.0 - 15.0	6.3 - 8.3	6.3 - 8.3	13.3 - 14.8	4.0 - 4.8
Program Groundwater-	Sand	Sand	Sand	Sand	Sand	Sand
Protective RCLs	Soil	Soil	Soil	Soil	Soil	Soil
(mg/kg)	Grab	Grab	Grab	Duplicate	Grab	Grab
-	. wat Pates		SVOCs (mg/kg)			
2.88	0.0461 J	0.0255 J	0.186 U	0.186 U	0.0239 J	0.0366 J
			RCRA Metals (mg/kg)			
165	3.67	0.641 U	20.1	36.0	0.770 U	34.0 J
0.752	0.124 U	0.123 U	0.0483 J	0.0547 J	0.120 U	0.0662 J
0.208	0.0341	0.0142 J	0.0151 U	0.0152 U	0.0136 U	0.0215 J
0.850	0.213 J	0.197 U	0.425 J	0.403 J	0.192 U	1.54 J
0	13ª	13ª	14ª	14ª	13ª	14ª

n exceeding the WDNR RR program soil RCL for the migration from soil to groundwater scenario.

rery Act

1 Resources

signed a "J" flag were detected between the detection limit and the LOQ, as explained in Section 5.1.6.

eded screening criteria: arsenic; bromodichloromethane; bromoform; bromomethane; 1,2-dibromoethane; 1,2-dibromo-3-chloropropane; cis/trans-1,3-dichloropropene; 2,4-dinitrotoluene; 2,6-dinitrotoluene; hexacle.

SHE#Y

01-29-563555

State of Wisconsin
Department of Natural Resources
dnr.wi.gov

Mailing Address

Notification For Hazardous Substance Discharge (Non-Emergency Only)

Form 4400-225 (09/13)

Page 1 of 2

Emergency Discharges / Spills should be reported via the 24-Hour Hotline: 1-800-943-0003

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Confirmatory laboratory data should be included with this form, to assist the DNR in processing this Hazardous Substance Release Notification. Complete this form. TYPE or PRINT LEGIBLY. NOTIFY appropriate DNR region (see next page) IMMEDIATELY upon discovery of a potential release from (check one): Underground Petroleum Storage Tank System (additional information may be required for Item 6 below) Aboveground Petroleum Storage Tank System ☐ Dry Cleaner Facility Other - Describe: Potential impacts from historical Fuel Oil UST at Bldg 116 (TU027) ATTN DNR: R & R Program Associate Date DNR Notified: 1. Discharge Reported By Name Phone No. (include area code) Firm Jill Kovalchik Leidos (865) 481-4798 Mailing Address **Email Address** 301 Laboratory Rd, Oak Ridge, TN 37830 kovalchiki@leidos.com 2. Site Information Name of site at which discharge occurred. Include local name of site/business, not responsible party name, unless a residence/vacant property. Volk Field Combat Readiness Training Center Location: Include street address, not PO Box. If no street address, describe as precisely as possible, i.e., 1/4 mile NW of CTHs 60 & 123 on E side of CTH 60. 100 Independence Dr. Municipality: (City, Village, Township) Specify municipality in which the site is located, not mailing address/city. Camp Douglas County: Legal Description: WTM: 719417 486736 CECW Juneau Y 1/4 1/4 Sec Tn Range 3. Responsible Party (RP) and/or RP Representative Responsible Party Name: Business or owner name that is responsible for cleanup. If more than one, list all. Attach additional pages as necessary. WI Air National Guard - Volk Field Reported in compliance with s. 292.11(2), Wis. Stats., by a local government exempt from liability under s. 292.11(9)(e), Wis. Stats. For more information see http://dnr.wi.gov/topic/Brownfields/Liability.html. Contact Person Phone Number Email Address Name (if different) Dan Gonnering (608) 427-1397 Daniel.Gonnering@ang.af.mil Mailing Address City State ZIP Code 100 Independence Dr. 54618 Camp Douglas Property owner if Different From RP: Business or owner name that is responsible for cleanup. If more than one, list all. Attach additional pages as necessary. Contact Person Phone Number Email Address Name (if different)

City

State

ZIP Code

(continued)

4. Hazardous Substance I	nformation			
Identify hazardous substance		ck all that apply):		
	o discriving ou (one	Diesel	PERC (Dry	Cloanors)
☐ VOC's		☐ Fuel Oil		ardous Waste
☐ PAH's		Gasoline	Leachate	ardous vvaste
Metals (specify):		Hydraulic Oil	Leachate	
☐ Arsenic	ate of the state o	☐ Jet Fuel	Fertilizer	
☐ Chromium				erbicide/Insecticide(s)
Cyanide		Mineral Oil	C	
☐ Lead		Waste Oil	Other (spec	cify):
				
PCB's		Petroleum-Unknown Type		
5. Impacts to the Environr	nent Information			
Enter "K" for known/confirm	ed or "P" for poter	itial for all that apply.		
Air Contamination		Sanitary Sewer Contami	nation	Soil Contamination
Co-Contamination (Petr	oleum &	Contamination in Right o	f Way	Storm Sewer
Non-Petroleum)		Fire Explosion Threat		Surface Water Contamination
Contamination Within 1	Meter of Bedrock	Free Product		Within 100 ft of Private Well
Contaminated Private V	Vell	P Groundwater Contamina	tion	Within 1000 ft of Public Well
Contaminated Public W	Vell	Off-Site Contamination		
Contamination in Fractu	ired Bedrock	Other (specify):		
Contamination was discover	ed as a result of:	MARINE PARTY - WARRANT - W		
Tank closure assessme		e assessment Other	- Describe:	
Date	Date	09/08/2014 Date		
	sults will be faxed			
		ion of immediate actions taken to ha	It the release a	nd contain or cleanup
hazardous substances that I				
No immediate actions are re	equired due to hist	oric nature of release.		
6. Federal Energy Act Rec	uirements (Secti	on 9002(d) of the Solid Waste Dis	posal Act (SW	DA))
For all confirmed releases		Source	1	Cause
from UST's occurring after	☐ Tank	<u> </u>	Spill	<u> </u>
9/30/2007 please provide	Piping		Over	fill
the following information:	Dispenser		Corre	osion
		Turbine Pump	Physi	ical or Mechanical Damage
	Delivery Pro	•		llation Problem
Does not apply.	Other (specif			r (does not fit any of above)
	Office (specia	y)	- Unkn	,
Contact information to re-	nort non emerge	ency releases in DNR's five regio		
·		•		
- •	•	tention R&R Program Associate		_
		t City of Waupun - see South Cen Outagamie, Shawano, Sheboygan, ¹		
· ·		ention R&R Program Associate:	•	
		, Forest, Florence, Iron, Langlade, Li		_
Sawyer, Taylor, Vilas, Wa		, rorott, rorottoo, non, cangidae, c.	mooni, oncida,	Tom, Frio, Frank,
South Central Region (FA	X: 608-273-5610)	; Attention R&R Program Assoc	iate: DNRRRS	SCR@wisconsin.gov
Columbia, Dane, Dodge, I	Fond du Lac (City	of Waupun only), Grant, Green, lo	wa, Jefferson, l	Lafayette, Richland,
Rock, Sauk, Walworth cou		, ,, , , , , , , , , , , , , , , , , ,	D. 1000000	
= •		tention R&R Program Associate	: UNKRRSER	K@wisconsin.gov
		shington, Waukesha counties		(OD On the continue of
		Attention R&R Program Associ , Dunn, Eau Claire, Jackson, Juneau		
Pierce, Portage, St. Croix,			ı, Laurusse, Ma	агашоп, мошое, герп,

Table 5-10. Summary of Groundwater Analytical Results at TU027

Location			TU027-SB1	TU027-SB2	TU027-SB3
Sample ID			VLK-27-GW-01-01	VLK-27-GW-02-01	VLK-27-GW-03-01
Sample Date			9/8/2014	9/8/2014	9/8/2014
Media	NR 140	NR 140 ES	Groundwater	Groundwater	Groundwater
Sample Type	PAL (μg/L)	(μg/L)	Grab	Grab	Grab
			VOCs (µg/L)		
Acetone	1800	9000	12.0 J	35.0 U	15.6 J
Methyl ethyl ketone	800	4000	3.50 U	3.50 U	4.58 J
Toluene	160	800	1.00 U	1.00 U	0.430 J
		2	SVOCs (µg/L)		
bis(2-Ethylhexyl)phthalate	0.6	6	6.57 J	6.44 J	9.19 J
			Metals (μg/L)		
Arsenic	1	10	0.482 J	6.03 J	3.63 J
Barium	400	2000	73.3	38.9	62.6
Chromium	10	100	3.28 J	10.3 J	49.1 J
Lead	1.5	15	1.25 U	5.05 J	5.03 U
Selenium	10	50	1.25 U	5.83 J	2.14 J

Bold/highlighted text denotes concentration exceeding the Wisconsin NR 140 PAL.

Red/bold/highlighted text denotes concentration exceeding the Wisconsin NR 140 ES.

ES = Enforcement Standard

ID = Identifier

NR = Natural Resources

PAL = Preventative Action Limit

SVOC = Semivolatile Organic Compound

VOC = Volatile Organic Compound

Data Qualifiers

 \overline{J} = Estimated concentration.

U = Not detected at the concentration shown.

SITE \$5

01-29-563556 3-6-15

State of Wisconsin Department of Natural Resources dnr.wi.gov

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Notification For Hazardous Substance Discharge (Non-Emergency Only)

Form 4400-225 (09/13) F

Page 1 of 2

(continued)

Emergency Discharges / Spills should be reported via the 24-Hour Hotline: 1-800-943-0003

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4. Hazardous Substance I	Information	
	ce discharged (check all that apply):	
VOC's	Diesel	PERC (Dry Cleaners)
	Fuel Oil	RCRA Hazardous Waste
PAH's	Gasoline	Leachate
Metals (specify):	Gasoline	Loadhate
☐ Arsenic	☐ Hydradile Oil	Fertilizer
Chromium		Pesticide/Herbicide/Insecticide(s)
Cyanide	Mineral Oil	
☐ Lead	Waste Oil	Other (specify):
☐ PCB's	C Potroloum Holmown Type	∪ Unknown
	Petroleum-Unknown Type	
5. Impacts to the Environ		
	ed or "P" for potential for all that apply.	
Air Contamination	Sanitary Sewer Contam	0
Co-Contamination (Petr	<u>—</u>	· —
Non-Petroleum)	Fire Explosion Threat	Surface Water Contamination
Contamination Within 1		Within 100 ft of Private Well
Contaminated Private V		ation Within 1000 ft of Public Well
Contaminated Public V	_	
Contamination in Fractu	ured Bedrock Other (specify):	
Contamination was discover	ed as a result of:	
Tank closure assessme	ent Site assessment Othe	r - Describe:
Date	Date 09/07/2014 Date	e
Lab results:	sults will be faxed upon receipt 💢 Lab results a	are attached
Additional Comments: Inclu	ide a brief description of immediate actions taken to ha	
hazardous substances that I		
No immediate actions are re	equired due to historic nature of release.	
6. Federal Energy Act Rec	quirements (Section 9002(d) of the Solid Waste Dis	sposal Act (SWDA))
For all confirmed releases	Source	Cause
from UST's occurring after	Tank	Spill Spill
9/30/2007 please provide	Piping	Overfill
the following information:	Dispenser	Corrosion
	Submersible Turbine Pump	Physical or Mechanical Damage
□ Dana makanahi	Delivery Problem	☐ Installation Problem
Does not apply.	Other (specify):	Other (does not fit any of above)
		Unknown
Contact information to re	port non-emergency releases in DNR's five region	ons are as follows:
Northeast Region (FAX: 9	920-662-5197); Attention R&R Program Associate	e: DNRRRNER@wisconsin.gov
	ond du Lac (except City of Waupun - see South Cennominee, Oconto, Outagamie, Shawano, Sheboygan,	
•	15-623-6773); Attention R&R Program Associate	
- ·	, Burnett, Douglas, Forest, Florence, Iron, Langlade, L	•
Sawyer, Taylor, Vilas, Wa		
South Central Region (FA	X: 608-273-5610); Attention R&R Program Asso	ciate: DNRRRSCR@wisconsin.gov
Columbia, Dane, Dodge, Rock, Sauk, Walworth co	Fond du Lac (City of Waupun only), Grant, Green, Idunties	owa, Jefferson, Lafayette, Richland,
	414-263-8550); Attention R&R Program Associat	te: DNRRRSER@wisconsin.gov
Kenosha, Milwaukee, Oza	aukee, Racine, Washington, Waukesha counties	-
- .	(: 715-839-6076); Attention R&R Program Assoc	— — — — — — — — — — — — — — — — — — —
	a, Clark, Crawford, Dunn, Eau Claire, Jackson, Junea , Trempealeau, Vernon, Wood counties	u, LaCrosse, Marathon, Monroe, Pepin,

NR RR	1 0028-201	1 0028-582	1 0028-553		1 UUZ8-SB1	I UUZ8-SBZ	1 UU28-SB2	1 0028-505			
am Soil	VLK-28-SB-01-01	VLK-28-SB-02-01 ^a	VLK-28-SB-03-01 ^a		VLK-28-SB-01-02	VLK-28-SB-02-01 ^a	VLK-28-SB-02-02	VLK-28-SB-03-01 ^a			
for Direct	9/7/2014	9/7/2014	9/7/2014	WDNR RR	9/7/2014	9/7/2014	9/7/2014	9/7/2014			
ct, Non-	3.0 - 3.6	3.4 - 4.3	3.6 - 4.5	Program	6.7 - 7.5	3.4 - 4.3	6.8 - 7.5	3.6 - 4.5			
ustrial	Sand	Sand	Sand	Groundwater-	Sand	Sand	Sand	Sand			
nario	Soil	Soil	Soil	Protective RCLs	Soil	Soil	Soil	Soil			
g/kg)	Grab	Grab	Grab	(mg/kg)	Grab	Grab	Grab	Grab			
SVOCs (mg/kg)											
,440	0.00379 U	0.00373 U	0.00129 J	NA	0.00412 U	0.00373 U	0.00421 U	0.00129 J			
',200	0.00379 U	0.00373 U	0.00213 J	198	0.00412 U	0.00373 U	0.00421 U	0.00213 J			
.148	0.00379 U	0.00373 U	0.0168	NA	0.00412 U	0.00373 U	0.00421 U	0.0168			
0150	0.0379 U	0.0373 U	0.0211 J	0.470	0.0412 U	0.0373 U	0.0421 U	0.0211 J			
.148	0.00379 U	0.00373 U	0.0316	0.479	0.00412 U	0.00373 U	0.00421 U	0.0316			
NA	0.00379 U	0.00373 U	0.0156	NA	0.00412 U	0.00373 U	0.00421 U	0.0156			
.48	0.00379 U	0.00373 U	0.0115	NA	0.00412 U	0.00373 U	0.00421 U	0.0115			
.47	0.0361 J	0.0398 J	0.0341 J	2.88	0.0328 J	0.0398 J	0.0376 J	0.0341 J			
4.8	0.0379 U	0.0373 U	0.0240 J	0.145	0.0412 U	0.0373 U	0.0421 U	0.0240 J			
,290	0.0379 U	0.0373 U	0.0610 J	88.9	0.0412 U	0.0373 U	0.0421 U	0.0610 J			
NA	0.0379 U	0.0373 U	0.0285 J	NA	0.0412 U	0.0373 U	0.0421 U	0.0285 J			
,720	0.0190 U	0.0186 U	0.0435	54.1	0.0206 U	0.0186 U	0.0210 U	0.0435			
				RCRA Metals (i	mg/kg)						
,300	2.89	1.64 J	9.01	165	3.61	1.64 J	3.32	9.01			
70	0.126 U	0.126 U	0.0505 J	0.752	0.139 U	0.126 U	0.138 U	0.0505 J			
),000 ^f	1.39 J	1.27 J	1.79 J	360,000 ^f	2.04 J	1.27 J	1.86 J	1.79 J			
.13	0.0156 U	0.0138 U	0.0103 J	0.208	0.0148 U	0.0138 U	0.0174 U	0.0103 J			
391	0.201 UJ	2.02 UJ	0.293 J	0.850	0.468 J	2.02 UJ	2.21 UJ	0.293 J			
0	5 ^b	5 ⁶	4 ^c	0	13 ^d	14 ^e	14 ^e	13 ^d			
1.0	0.229	0.230	0.230					•••			
0E-05	7.78E-04	7.66E-04	7.82E-04			****					

ding the WDNR RR program soil RCL for the migration from soil to groundwater scenario.

reening criteria: arsenic; bromodichloromethane; bromoform; bromomethane; 1,2-dibromoethane; 1,2-dibromo-3-chloropropane; cis/trans-1,3-dichloropropene; 2,4-dinitrotoluene; 2,6-dinitrotoluene; hexachlorober

RCRA = Resource Conservation and Recovery Act RR = Remediation and Redevelopment SVOC = Semivolatile Organic Compound WDNR = Wisconsin Department of Natural Resources

ivalent chromium.

e compared to the WDNR RR Program direct contact soil RCLs. Samples collected at depths below 4 ft BGS are compared to the WDNR RR Program RCLs for migration to groundwater. This sample was collected sample are compared to both soil quality standards.

screening criteria: benzo(a)pyrene; dibenz(a,h)anthracene; benzidine; 2,6-dinitrotoluene; and n-nitrosodimethylamine.

screening criteria: dibenz(a,h)anthracene; benzidine; 2,6-dinitrotoluene; and n-nitrosodimethylamine.

reening criteria: arsenic; bromodichloromethane; bromoform; bromomethane; 1,2-dibromo-3-chloropropane; cis/trans-1,3-dichloropropene; 2,4-dinitrotoluene; 2,6-dinitrotoluene; hexachlorober

Table 5-12. Summary of Groundwater Analytical Results at TU028

Location			TU028-SB1	TU028-SB1	TU028-SB2	TU028-SB3
Sample ID			VLK-28-GW-01-01	VLK-28-GW-01-01D	VLK-28-GW-02-01	VLK-28-GW-03-01
Sample Date	NR 140	NR 140	9/7/2014	9/7/2014	9/7/2014	9/7/2014
Media	PAL	ES	Groundwater	Groundwater	Groundwater	Groundwater
Sample Type	(µg/L)	(µg/L)	Grab	Duplicate	Grab	Grab
			VOCs (μg/L	.)		
Acetone	1800	9000	35.0 U	12.8 J	35.0 U	35.0 U
			SVOCs (µg/l	$\overline{L})$		
bis(2-Ethylhexyl)phthalate	0.6	6	5.89 J	6.58 J	6.37 J	5.08 J
			Metals (μg/I	C)		Sunday w
Arsenic	1	10	0.371 J	0.344 J	0.910 J	0.322 J
Barium	400	2000	15.6 J	15.6 J	43.0	51.2
Chromium	10	100	0.988 J	0.930 J	7.58 J	3.12 U
Selenium	10	50	1.11 J	1.05 J	1.30 J	1.75 J

Bold/highlighted text denotes concentration exceeding the Wisconsin NR 140 PAL. **Red/bold/highlighted** text denotes concentration exceeding the Wisconsin NR 140 ES.

ES = Enforcement Standard

ID = Identifier

NR = Natural Resources

PAL = Preventative Action Limit

SVOC = Semivolatile Organic Compound

VOC = Volatile Organic Compound

Data Qualifiers

J = Estimated concentration.

U = Not detected at the concentration shown.

SITE #6

01-27-563557

State of Wisconsin Department of Natural Resources dnr.wi.gov

Notification For Hazardous Substance Discharge (Non-Emergency Only)

Form 4400-225 (09/13) Page 1 of 2

(continued)

Emergency Discharges / Spills should be reported via the 24-Hour Hotline: 1-800-943-0003

Notice: Hazardous substance discharges must be reported immediately according to s. 292.11 Wis. Stats. Non-emergency hazardous substance discharges may be reported by telefaxing or e-mailing a completed report to the Department, or calling or visiting a Department office in person. If you choose to notify the Department by telefax or by email, you should use this form to be sure that all necessary information is included. However, use of this form is not mandatory. Under s. 292.99, Wis. Stats., the penalty for violating the reporting requirements of ch. 292 Wis. Stats., shall be no less than \$10 nor more than \$5000 for each violation. Each day of continued violation is a separate offense. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than program administration. However, information submitted on this form may also be made available to requesters under Wisconsin's Open Records Law (ss. 19.31 - 19.39, Wis. Stats.).

Confirmatory laboratory data should be included with this form, to assist the DNR in processing this Hazardous Substance Release Notification. Complete this form. TYPE or PRINT LEGIBLY. NOTIFY appropriate DNR region (see next page) IMMEDIATELY upon discovery of a potential release from (check one): Underground Petroleum Storage Tank System (additional information may be required for Item 6 below) Aboveground Petroleum Storage Tank System Dry Cleaner Facility Other - Describe: Potential impacts from historical base activities associated with a former Fuel Oil UST at Bldg 331 (TU030) ATTN DNR: R & R Program Associate Date DNR Notified: 1. Discharge Reported By Name Firm Phone No. (include area code) Jill Kovalchik Leidos (865) 481-4798 Mailing Address **Email Address** 301 Laboratory Rd. Oak Ridge, TN 37830 kovalchikj@leidos.com 2. Site Information Name of site at which discharge occurred. Include local name of site/business, not responsible party name, unless a residence/yacant property. Volk Field Combat Readiness Training Center Location: Include street address, not PO Box. If no street address, describe as precisely as possible, i.e., 1/4 mile NW of CTHs 60 & 123 on E side of CTH 60. 100 Independence Dr. Municipality: (City, Village, Township) Specify municipality in which the site is located, not mailing address/city. Camp Douglas County: Legal Description: WTM: 720123 486814 Juneau CEC 1/4 1/4 Sec Tn Range 3. Responsible Party (RP) and/or RP Representative Responsible Party Name: Business or owner name that is responsible for cleanup. If more than one, list all. Attach additional pages as necessary. WI Air National Guard - Volk Field Reported in compliance with s. 292.11(2), Wis. Stats., by a local government exempt from liability under s. 292.11(9)(e), Wis. Stats. For more information see http://dnr.wi.gov/topic/Brownfields/Liability.html. Contact Person Phone Number **Email Address** Name (if different) Dan Gonnering (608) 427-1397 Daniel.Gonnering@ang.af.mil Mailing Address ZIP Code City State 100 Independence Dr. Camp Douglas 54618 Property owner if Different From RP: Business or owner name that is responsible for cleanup. If more than one, list all. Attach additional pages as necessary. Contact Person Phone Number Email Address Name (if different) Mailing Address City State ZIP Code

Notification For Hazardous Substance Discharge (Non-Emergency Only) Form 4400-225 (09/13) Page 2 of 2

4. Hazardous Substance I	nformation				
Identify hazardous substance		ck all that apply);			William Paralla Adam and State Commission and Commi
□ VOC's		Diesel		PERC (Dr	y Cleaners)
☐ PAH's		☐ Fuel Oil			zardous Waste
		Gasoline		Leachate	
Metals (specify):	***************************************	Hydraulic Oil		_	
Arsenic		☐ Jet Fuel		Fertilizer	
☐ Chromium		Mineral Oil		Pesticide/	Herbicide/Insecticide(s)
Cyanide		☐ Waste Oil		□ ou .	w. \
Lead				Other (spe	ecity):
PCB's		Petroleum-Unk	nown Type	⊠ Unknown	
5. Impacts to the Environ	ment Information			A. 400	
Enter "K" for known/confirm				4444	
Air Contamination			Sewer Contan	nination	Soil Contamination
Co-Contamination (Pet	roleum &	***************************************	ination in Right		Storm Sewer
Non-Petroleum)			losion Threat	•	Surface Water Contamination
Contamination Within 1	Meter of Bedrock	-			Within 100 ft of Private Well
Contaminated Private V	Vell	P Groundy	water Contamin	ation .	Within 1000 ft of Public Well
Contaminated Public V	Vell	Off-Site	Contamination		example.
Contamination in Fractu	ured Bedrock	Other (s	pecify):		
Contamination was discover Tank closure assessment Date		e assessment 09/05/2014	Othe	er - Describe: _	
Lab results:	sults will be faxed	upon receipt	X Lab results	are attached	
Additional Comments: Inclu	ıde a brief descript	ion of immediate ac	tions taken to h	alt the release	and contain or cleanup
hazardous substances that	have been dischar	ged.			
No immediate actions are re	equired due to histe	oric nature of releas	se.		
6. Federal Energy Act Red	quirements (Secti	ion 9002(d) of the S	Solid Waste Di	sposal Act (SV	VDA))
For all confirmed releases		Source		1 5	<u>Cause</u>
from UST's occurring after	Tank			☐ Spil	
9/30/2007 please provide the following information:	Piping			Ove	erfill
the following information.	Dispenser			Cor	rosion
	Submersible	Turbine Pump		Phy	sical or Mechanical Damage
Does not apply.	Delivery Prob	olem		Inst	allation Problem
M page not apply.	Other (specif	fy):		_ Cth	er (does not fit any of above)
				~	nown
Contact information to re	port non-emerge	ency releases in D	NR's five regi	ons are as fol	lows:
Northeast Region (FAX: 9	920-662-5197); Att	tention R&R Pro	gram Associat	te: DNRRRNE	R@wisconsin.gov
					Green Lake, Kewaunee, Manitowoc, ushara, Winnebago counties
Northern Region (FAX: 7					
Ashland, Barron, Bayfield	, Burnett, Douglas	_			
Sawyer, Taylor, Vilas, Wa South Central Region (FA		· Attention RRP	Program Acce	ociata: DNRPE	SCR@wiscopsin.gov
Columbia, Dane, Dodge,					•
Rock, Sauk, Walworth co Southeast Region (FAX:	unties				•
Kenosha, Milwaukee, Oza	=		•	te' DIAMINO	rompoolialii.gov
Mast Control Pagion (EA)	•	•		-! DNDDD	MOD On the continuous

West Central Region (FAX: 715-839-6076); Attention -- R&R Program Associate: DNRRRWCR@wisconsin.gov Adams, Buffalo, Chippewa, Clark, Crawford, Dunn, Eau Claire, Jackson, Juneau, LaCrosse, Marathon, Monroe, Pepin, Pierce, Portage, St. Croix, Trempealeau, Vernon, Wood counties

Table 5-14. Summary of Groundwater Analytical Results at TU030

Location			TU030-SB1	TU030-SB2	TU030-SB3	TU030-SB3			
Sample ID			VLK-30-GW-01-01	VLK-30-GW-02-01	VLK-30-GW-03-01	VLK-30-GW-03-01D			
Sample Date	NR 140	NR 140	9/5/2014	9/5/2014	9/5/2014	9/5/2014			
Media	PAL	ES	Groundwater	Groundwater	Groundwater	Groundwater			
Sample Type	(µg/L)	(µg/L)	Grab	Grab	Grab	Duplicate			
VOCs (µg/L)									
Acetone	1800	9000	35.0 U	35.0 U	14.8 J	11.1 J			
			SVOCs						
bis(2-Ethylhexyl)phthalate	0.6	6	6.25 J	7.30 J	5:72 J	5.99 J			
			PAHs (µg/L)					
Fluoranthene	80	400	0.0092 J	0.010 U	0.010 U	0.0095 U			
Phenanthrene	NA	NA	0.011 J	0.013 U	0.013 U	0.011 U			
			Metals (μg/I	C)	,				
Arsenic	1	10	0.512 J	9.70 J	0.432 J	0.461 J			
Barium	400	2000	230	257	89	93.8			
Cadmium	0.5	5	1.25 U	0.628 J	1.25 U	1.25 U			
Chromium	10	100	2.44 J	1210 J	1.29 J	1.83 J			
Lead	1.5	15	1.25 U	10.2 J	1.25 U	1.25 U			
Mercury	0.2	2	0.250 U	0.663	0.250 U	0.250 U			
Selenium	10	50	0.933 J	9.87 J	1.25 U	0.939 J			

Bold/highlighted text denotes concentration exceeding the Wisconsin NR 140 PAL.

Red/bold/highlighted text denotes concentration exceeding the Wisconsin NR 140 ES.

ES = Enforcement Standard

ID = Identifier

NA = Not Available

NR = Natural Resources

PAH = Polynuclear Aromatic Hydrocarbon

PAL = Preventative Action Limit

SVOC = Semivolatile Organic Compound

VOC = Volatile Organic Compound

Data Qualifiers

 \overline{J} = Estimated concentration.

U = Not detected at the concentration shown.

SITE #7

01-29-563.559

State of Wisconsin Department of Natural Resources dnr.wi.gov

Notification For Hazardous Substance Discharge (Non-Emergency Only)

Form 4400-225 (09/13)

Page 1 of 2

(continued)

Emergency Discharges / Spills should be reported via the 24-Hour Hotline: 1-800-943-0003

Notice: Hazardous substance discharges must be reported immediately according to s. 292.11 Wis. Stats. Non-emergency hazardous substance discharges may be reported by telefaxing or e-mailing a completed report to the Department, or calling or visiting a Department office in person. If you choose to notify the Department by telefax or by email, you should use this form to be sure that all necessary information is included. However, use of this form is not mandatory. Under s. 292.99, Wis. Stats., the penalty for violating the reporting requirements of ch. 292 Wis. Stats., shall be no less than \$10 nor more than \$5000 for each violation. Each day of continued violation is a separate offense. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than program administration. However, information submitted on this form may also be made available to requesters under Wisconsin's Open Records Law (ss. 19.31 – 19.39, Wis. Stats.).

Confirmatory laboratory data should be included with this form, to assist the DNR in processing this Hazardous Substance Release Notification. Complete this form. TYPE or PRINT LEGIBLY. NOTIFY appropriate DNR region (see next page) IMMEDIATELY upon discovery of a potential release from (check one): Underground Petroleum Storage Tank System (additional information may be required for Item 6 below) Aboveground Petroleum Storage Tank System Dry Cleaner Facility Other - Describe: Potential impacts from historical base activities associated with a former Fuel Oil UST at Bldg 324 (TU031) R & R Program Associate ATTN DNR: Date DNR Notified: 1. Discharge Reported By Name Firm Phone No. (include area code) Jill Kovalchik (865) 481-4798 Leidos Mailing Address **Email Address** 301 Laboratory Rd. Oak Ridge, TN 37830 kovalchikj@leidos.com 2. Site Information Name of site at which discharge occurred. Include local name of site/business, not responsible party name, unless a residence/vacant property. Volk Field Combat Readiness Training Center Location: Include street address, not PO Box. If no street address, describe as precisely as possible, i.e., 1/4 mile NW of CTHs 60 & 123 on E side of CTH 60. 100 Independence Dr. Municipality: (City, Village, Township) Specify municipality in which the site is located, not mailing address/city. Camp Douglas County: Legal Description: WTM: 719967 486808 CEC Juneau 1/4 1/4 Sec Tn Range 3. Responsible Party (RP) and/or RP Representative Responsible Party Name: Business or owner name that is responsible for cleanup. If more than one, list all. Attach additional pages as necessary. WI Air National Guard - Volk Field Reported in compliance with s. 292.11(2), Wis. Stats., by a local government exempt from liability under s. 292.11(9)(e), Wis. Stats. For more information see http://dnr.wi.gov/topic/Brownfields/Liability.html. Contact Person Phone Number Email Address Name (if different) Dan Gonnering (608) 427-1397 Daniel.Gonnering@ang.af.mil Mailing Address ZIP Code City State 100 Independence Dr. Camp Douglas 54618 Property owner if Different From RP: Business or owner name that is responsible for cleanup. If more than one, list all. Attach additional pages as necessary. Contact Person Phone Number Email Address Name (if different) Mailing Address City State ZIP Code

4. Hazardous Substance	Information			
Identify hazardous substance	ce discharged (che	eck all that apply):	······································	
∏ VOC's		Diesel	PERC (Dry	Cleaners)
☐ PAH's		☐ Fuel Oil		ardous Waste
		Gasoline	Leachate	
Metals (specify):		Hydraulic Oil	Linea La	
Arsenic		☐ Jet Fuel	Fertilizer	
Chromium		Mineral Oil	Pesticide/H	lerbicide/Insecticide(s)
Cyanide		Waste Oil	C 04	-16.1.
Lead			Other (spe	orry):
PCB's		Petroleum-Unknown Type	∪ Unknown	
5. Impacts to the Environ	ment Information			
Enter "K" for known/confirm				
Air Contamination		Sanitary Sewer Contami	nation	P Soil Contamination
Co-Contamination (Pet	roleum &	Contamination in Right of		Storm Sewer
Non-Petroleum)		Fire Explosion Threat	•	Surface Water Contamination
Contamination Within 1	Meter of Bedrock	Free Product		Within 100 ft of Private Well
Contaminated Private V	Vell	Groundwater Contamina	tion	Within 1000 ft of Public Well
Contaminated Public V	Vell	Off-Site Contamination		•
Contamination in Fracti	ured Bedrock	Other (specify):		
Contamination was discover Tank closure assessm Date	ent 🔀 Site	09/08/2014 Date		
	sults will be faxed	<u> </u>		
Additional Comments: Inclu hazardous substances that		tion of immediate actions taken to ha	alt the release a	nd contain or cleanup
No immediate actions are re				
	quirements (Secti	ion 9002(d) of the Solid Waste Dis	posal Act (SW	
For all confirmed releases	☐ Tank	Source	Spill	<u>Cause</u>
from UST's occurring after 9/30/2007 please provide	☐ Piping		Over	fill
the following information:				
•	Dispenser	Tody's Posses	Corre	
		Turbine Pump	1 - 1	ical or Mechanical Damage
Does not apply.	Delivery Prol		1	llation Problem
	Other (specif	yy):	_ Unkr	r (does not fit any of above)
Contact information to re	nort non-emerce	ency releases in DNR's five regio		
	. •	•		
	370_667_6407\+ ^+	tantian D.R.D. Dragram Accociato		
· · · · · · · · · · · · · · · · · · ·	•	tention R&R Program Associate		
Brown, Calumet, Door, Fo	ond du Lac (excep	t City of Waupun - see South Cen	tral Region), G	Green Lake, Kewaunee, Manitowoc,
Brown, Calumet, Door, Fo Marinette, Marquette, Me	ond du Lac (excep nominee, Oconto,	t City of Waupun - see South Cen Outagamie, Shawano, Sheboygan, '	tral Region), G Waupaca, Wau	Green Lake, Kewaunee, Manitowoc, Ishara, Winnebago counties
Brown, Calumet, Door, For Marinette, Marquette, Me Northern Region (FAX: 7 Ashland, Barron, Bayfield	ond du Lac (excep nominee, Oconto, 15-623-6773); Atto , Burnett, Douglas	t City of Waupun - see South Cen	tral Region), G Waupaca, Wau DNRRRNOR	Green Lake, Kewaunee, Manitowoc, Ishara, Winnebago counties @wisconsin.gov
Brown, Calumet, Door, For Marinette, Marquette, Me Northern Region (FAX: 7 Ashland, Barron, Bayfield Sawyer, Taylor, Vilas, Wa	ond du Lac (excep nominee, Oconto, 15-623-6773); Atto l, Burnett, Douglas ashburn counties	t City of Waupun - see South Cen Outagamie, Shawano, Sheboygan, ention R&R Program Associate: , Forest, Florence, Iron, Langlade, L	tral Region), G Waupaca, Wau DNRRRNOR incoln, Oneida,	Green Lake, Kewaunee, Manitowoc, Ishara, Winnebago counties @wisconsin.gov Polk, Price, Rusk,
Brown, Calumet, Door, For Marinette, Marquette, Me Northern Region (FAX: 7 Ashland, Barron, Bayfield Sawyer, Taylor, Vilas, Wa South Central Region (FA	ond du Lac (excep nominee, Oconto, 15-623-6773); Atte l, Burnett, Douglas ashburn counties IX: 608-273-5610	t City of Waupun - see South Cen Outagamie, Shawano, Sheboygan, ention R&R Program Associate: , Forest, Florence, Iron, Langlade, L); Attention R&R Program Assoc	tral Region), G Waupaca, Wau DNRRRNOR incoln, Oneida, ciate: DNRRR	Green Lake, Kewaunee, Manitowoc, Ishara, Winnebago counties @wisconsin.gov Polk, Price, Rusk, SCR@wisconsin.gov
Brown, Calumet, Door, For Marinette, Marquette, Me Northern Region (FAX: 7 Ashland, Barron, Bayfield Sawyer, Taylor, Vilas, Wa South Central Region (FA Columbia, Dane, Dodge, Rock, Sauk, Walworth co	ond du Lac (excep nominee, Oconto, 15-623-6773); Atte I, Burnett, Douglas ashburn counties IX: 608-273-5610; Fond du Lac (City unties	t City of Waupun - see South Cent Outagamie, Shawano, Sheboygan, ention R&R Program Associate: , Forest, Florence, Iron, Langlade, L); Attention R&R Program Associate of Waupun only), Grant, Green, Io	tral Region), G Waupaca, Wau DNRRRNOR incoln, Oneida, ciate: DNRRR: wa, Jefferson,	Green Lake, Kewaunee, Manitowoc, Ishara, Winnebago counties @wisconsin.gov Polk, Price, Rusk, SCR@wisconsin.gov Lafayette, Richland,
Brown, Calumet, Door, For Marinette, Marquette, Me Northern Region (FAX: 7: Ashland, Barron, Bayfield Sawyer, Taylor, Vilas, Wa South Central Region (FA Columbia, Dane, Dodge, Rock, Sauk, Walworth co Southeast Region (FAX:	ond du Lac (excep nominee, Oconto, 15-623-6773); Atto I, Burnett, Douglas ashburn counties IX: 608-273-5610; Fond du Lac (City unties 414-263-8550); At	t City of Waupun - see South Cent Outagamie, Shawano, Sheboygan, in ention R&R Program Associate: , Forest, Florence, Iron, Langlade, L); Attention R&R Program Associate of Waupun only), Grant, Green, Io	tral Region), G Waupaca, Wau DNRRRNOR incoln, Oneida, ciate: DNRRR: wa, Jefferson,	Green Lake, Kewaunee, Manitowoc, Ishara, Winnebago counties @wisconsin.gov Polk, Price, Rusk, SCR@wisconsin.gov Lafayette, Richland,
Brown, Calumet, Door, For Marinette, Marquette, Me Northern Region (FAX: 7' Ashland, Barron, Bayfield Sawyer, Taylor, Vilas, Wa South Central Region (FA Columbia, Dane, Dodge, Rock, Sauk, Walworth co Southeast Region (FAX: Kenosha, Milwaukee, Oza	ond du Lac (excep nominee, Oconto, 15-623-6773); Atta , Burnett, Douglas ashburn counties ,X: 608-273-5610; Fond du Lac (City unties 414-263-8550); At aukee, Racine, Wa	t City of Waupun - see South Cent Outagamie, Shawano, Sheboygan, in ention R&R Program Associates, Forest, Florence, Iron, Langlade, L); Attention R&R Program Associates of Waupun only), Grant, Green, Ion etention R&R Program Associates ashington, Waukesha counties	tral Region), G Waupaca, Wau DNRRRNOR incoln, Oneida, ciate: DNRRR wa, Jefferson, e: DNRRRSEF	Green Lake, Kewaunee, Manitowoc, Ishara, Winnebago counties @wisconsin.gov Polk, Price, Rusk, SCR@wisconsin.gov Lafayette, Richland, R@wisconsin.gov
Brown, Calumet, Door, For Marinette, Marquette, Me Northern Region (FAX: 7' Ashland, Barron, Bayfield Sawyer, Taylor, Vilas, Wa South Central Region (FA Columbia, Dane, Dodge, Rock, Sauk, Walworth co Southeast Region (FAX: Kenosha, Milwaukee, Oza West Central Region (FAX)	ond du Lac (excep nominee, Oconto, 15-623-6773); Atta , Burnett, Douglas ashburn counties ,X: 608-273-5610; Fond du Lac (City unties 414-263-8550); At aukee, Racine, Wa (: 715-839-6076);	t City of Waupun - see South Cent Outagamie, Shawano, Sheboygan, in ention R&R Program Associate: , Forest, Florence, Iron, Langlade, L); Attention R&R Program Associate of Waupun only), Grant, Green, Io	tral Region), G Waupaca, Wau DNRRRNOR incoln, Oneida, ciate: DNRRR wa, Jefferson, e: DNRRRSEF	Green Lake, Kewaunee, Manitowoc, Ishara, Winnebago counties @wisconsin.gov Polk, Price, Rusk, GCR@wisconsin.gov Lafayette, Richland, R@wisconsin.gov

	1 0031-201	10001-201	1 0021-281	1 0031-882	1 UU31-5B2	1 0001-01
	VLK-31-SB-01-01	VLK-31-SB-01-01D	VLK-31-SB-01-02	VLK-31-SB-02-01	VLK-31-SB-02-02	VLK-31-SB-
	9/8/2014	9/8/2014	9/8/2014	9/8/2014	9/8/2014	9/8/2614
 WDNR RR	4.0 - 4.8	4.0 - 4.8	13.4 - 14.4	7.3 - 8.0	12.8 - 13.8	8.2 - 9.1
 Program Groundwater-	Sand	Sand	Sand	Sand	Sand	Sand
 Protective RCLs	Soil	Soil	Soil	Soil	Soil	Soil
(mg/kg)	Grab	Duplicate	Grab	Grab	Grab	Grab
		S	VOCs (mg/kg)			
NA	0.00263 J	0.00133 J	0.00379 U	0.00381 U	0.00383 U	0.00378
 0.479	0.00260 J	0.00369 UJ	0.00379 U	0.00381 U	0.00383 U	0.00378
 NA	0.00308 J	0.00369 UJ	0.00379 U	0.00381 U	0.00383 U	0.00378
NA	0.00241 J	0.00369 UJ	0.00379 U	0.00381 U	0.00383 U	0.00378
2.88	0.0380 J	0.0321 J	0.0423 J	0.0335 J	0.0591 J	0.0389
		RCR	A Metals (mg/kg)	, milde m		
0.613	0.988 U	0.615 J	0.995 U	1.02 U	0.987 U	0.993 U
165	12.1	10.9 J/10.2 J ^c	0.667 U	3.81	3.87	3.94
0.752	0.123 J	1.25 U/ 0.166 J °	0.124 U	0.127 U	0.0642 J	0.124 U
 360,000 ^b	2.49	10.0 U/ 1.68 J °	0.766 J	1.82 J	2.94	1.46 J
27.0	123	118/108	0.995 U	1.02 U	0.987 U	0.993 U
0.208	0.0128 U	0.0135 U	0.0137 U	0.0150 U	0.0174 J	0.0152 U
0.85	1.98 UJ	0.383 J/0.382 J ^c	1.99 UJ	2.03 UJ	1.97 UJ	1.99 UJ
 0	14 ^a	14ª	13ª	13ª	13ª	13ª

ms.

eeded screening criteria: arsenic; bromodichloromethane; bromoform; bromomethane; 1,2-dibromo-3-chloropropane; cis/trans-1,3-dichloropropene; 2,4-dinitrotoluene; 2,6-dinitrotoluene; hexac de.

eria for trivalent chromium.

at a 10x dilution. During validation, Leidos requested the sample to be re-analyzed at a 1x dilution to meet the LOQ requirements, as specified in the final WP.

overy Act

al Resources

wn.

tration shown.

ssigned a "J" flag were detected between the detection limit and the LOQ, as explained in Section 5.1.6.

on exceeding the WDNR RR program soil RCL for the migration from soil to groundwater scenario.

SITE#8

01-8-563560

State of Wisconsin Department of Natural Resources dnr.wi.gov

Notification For Hazardous Substance Discharge (Non-Emergency Only)

Form 4400-225 (09/13)

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(continued)

Emergency Discharges / Spills should be reported via the 24-Hour Hotline: 1-800-943-0003

Notice: Hazardous substance discharges must be reported immediately according to s. 292.11 Wis. Stats. Non-emergency hazardous substance discharges may be reported by telefaxing or e-mailing a completed report to the Department, or calling or visiting a Department office in person. If you choose to notify the Department by telefax or by email, you should use this form to be sure that all necessary information is included. However, use of this form is not mandatory. Under s. 292.99, Wis. Stats., the penalty for violating the reporting requirements of ch. 292 Wis. Stats., shall be no less than \$10 nor more than \$5000 for each violation. Each day of continued violation is a separate offense. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than program administration. However, information submitted on this form may also be made available to requesters under Wisconsin's Open Records Law (ss. 19.31 – 19.39, Wis. Stats.).

Confirmatory laboratory data should be included with this form, to assist the DNR in processing this Hazardous Substance Release Notification. Complete this form. TYPE or PRINT LEGIBLY. NOTIFY appropriate DNR region (see next page) IMMEDIATELY upon discovery of a potential release from (check one): Underground Petroleum Storage Tank System (additional information may be required for Item 6 below) Aboveground Petroleum Storage Tank System ☐ Dry Cleaner Facility Other - Describe: Potential impacts from historical base activities associated with former Aircraft Maintenance Building (DA036) R & R Program Associate ATTN DNR: Date DNR Notified: 3-6-15 1. Discharge Reported By Name Firm Phone No. (include area code) (865) 481-4798 Jill Kovalchik Leidos Mailing Address **Email Address** 301 Laboratory Rd. Oak Ridge, TN 37830 kovalchiki@leidos.com 2. Site Information Name of site at which discharge occurred. Include local name of site/business, not responsible party name, unless a residence/vacant property. Volk Field Combat Readiness Training Center Location: Include street address, not PO Box. If no street address, describe as precisely as possible, i.e., 1/4 mile NW of CTHs 60 & 123 on E side of CTH 60. 100 Independence Dr. Municipality: (City, Village, Township) Specify municipality in which the site is located, not mailing address/city. Camp Douglas County: WTM: Legal Description: 721277 486835 CEC Y Juneau X 1/4 Tn 1/4 Sec Range 3. Responsible Party (RP) and/or RP Representative Responsible Party Name: Business or owner name that is responsible for cleanup. If more than one, list all. Attach additional pages as necessary. WI Air National Guard - Volk Field Reported in compliance with s. 292.11(2), Wis. Stats., by a local government exempt from liability under s. 292.11(9)(e), Wis. Stats. For more information see http://dnr.wi.gov/topic/Brownfields/Liability.html. Contact Person Phone Number **Email Address** Name (if different) Dan Gonnering (608) 427-1397 Daniel.Gonnering@ang.af.mil Mailing Address State ZIP Code City 100 Independence Dr. Camp Douglas WI 54618 Property owner if Different From RP: Business or owner name that is responsible for cleanup. If more than one, list all. Attach additional pages as necessary. Contact Person Phone Number **Email Address** Name (if different) Mailing Address City ZIP Code State

4. Hazardous Substance Information	n	
Identify hazardous substance discharg	A Total Commence of the Commen	AMARIA AM
□ VOC's	∏ Diesel [PERC (Dry Cleaners)
☐ PAH's	☐ Fuel Oil 「	RCRA Hazardous Waste
	Gasoline [Leachate
Metals (specify):	Hydraulic Oil	
Arsenic	☐ Jet Fuel	Tertilizer
☐ Chromium	☐ Mineral Oil	Pesticide/Herbicide/Insecticide(s)
Cyanide	☐ Waste Oil	
Lead		Other (specify):
PCB's	Petroleum-Unknown Type	Unknown
5. Impacts to the Environment Infor	mation	
Enter "K" for known/confirmed or "P" for		
Air Contamination	Sanitary Sewer Contamin	ation Soil Contamination
Co-Contamination (Petroleum &	Contamination in Right of	Way Storm Sewer
Non-Petroleum)	Fire Explosion Threat	Surface Water Contamination
Contamination Within 1 Meter of B	edrock Free Product	Within 100 ft of Private Well
Contaminated Private Well	P Groundwater Contaminat	ion Within 1000 ft of Public Well
Contaminated Public Well	Off-Site Contamination	
Contamination in Fractured Bedro	ck Other (specify):	
Contamination was discovered as a res	sult of:	
☐ Tank closure assessment		- Describe:
<u> </u>	Date 09/09/2014 Date	
	e faxed upon receipt X Lab results are	o ottopbad
Additional Comments: Include a brief	description of immediate actions taken to hal	
hazardous substances that have been	-	
No immediate actions are required due	to historic nature of release.	
6. Federal Energy Act Requirements	(Section 9002(d) of the Solid Waste Disp	osal Act (SWDA))
For all confirmed releases	Source	Cause
from UST's occurring after Tank	Control Control	Spill
9/30/2007 please provide Piping		Overfill
the following information: Dispe	nser	Corrosion
☐ Subm	ersible Turbine Pump	Physical or Mechanical Damage
☐ Delive	ery Problem	Installation Problem
IXI Does not apply.	(specify):	Other (does not fit any of above)
		Unknown
Contact information to report non-	emergency releases in DNR's five region	ns are as follows:
Northeast Region (FAX: 920-662-51	97); Attention R&R Program Associate:	DNRRRNER@wisconsin.gov
		ral Region), Green Lake, Kewaunee, Manitowoc,
Marinette, Marquette, Menominee, C	conto, Outagamie, Shawano, Sheboygan, V	Vaupaca, Waushara, Winnebago counties
	conto, Outagamie, Shawano, Sheboygan, V 3); Attention R&R Program Associate:	
Northern Region (FAX: 715-623-677 Ashland, Barron, Bayfield, Burnett, D	3); Attention R&R Program Associate: louglas, Forest, Florence, Iron, Langlade, Lir	DNRRRNOR@wisconsin.gov
Northern Region (FAX: 715-623-677 Ashland, Barron, Bayfield, Burnett, D Sawyer, Taylor, Vilas, Washburn cou	3); Attention R&R Program Associate: louglas, Forest, Florence, Iron, Langlade, Lir	DNRRRNOR@wisconsin.gov ncoln, Oneida, Polk, Price, Rusk,
Northern Region (FAX: 715-623-677 Ashland, Barron, Bayfield, Burnett, D Sawyer, Taylor, Vilas, Washburn cou South Central Region (FAX: 608-27 Columbia, Dane, Dodge, Fond du La	 3); Attention R&R Program Associate: louglas, Forest, Florence, Iron, Langlade, Lirunties 	DNRRRNOR@wisconsin.gov ncoln, Oneida, Polk, Price, Rusk, iate: DNRRRSCR@wisconsin.gov
Northern Region (FAX: 715-623-677 Ashland, Barron, Bayfield, Burnett, D Sawyer, Taylor, Vilas, Washburn cou South Central Region (FAX: 608-27) Columbia, Dane, Dodge, Fond du La Rock, Sauk, Walworth counties	3); Attention R&R Program Associate: louglas, Forest, Florence, Iron, Langlade, Lirunties 3-5610); Attention R&R Program Associate (City of Waupun only), Grant, Green, lov	DNRRRNOR@wisconsin.gov ncoln, Oneida, Polk, Price, Rusk, iate: DNRRRSCR@wisconsin.gov va, Jefferson, Lafayette, Richland,
Northern Region (FAX: 715-623-677 Ashland, Barron, Bayfield, Burnett, D Sawyer, Taylor, Vilas, Washburn cot South Central Region (FAX: 608-27) Columbia, Dane, Dodge, Fond du La Rock, Sauk, Walworth counties Southeast Region (FAX: 414-263-85)	3); Attention R&R Program Associate: bouglas, Forest, Florence, Iron, Langlade, Lirunties 3-5610); Attention R&R Program Associate (City of Waupun only), Grant, Green, low	DNRRRNOR@wisconsin.gov ncoln, Oneida, Polk, Price, Rusk, iate: DNRRRSCR@wisconsin.gov va, Jefferson, Lafayette, Richland,
Northern Region (FAX: 715-623-677 Ashland, Barron, Bayfield, Burnett, Dawyer, Taylor, Vilas, Washburn cousouth Central Region (FAX: 608-27) Columbia, Dane, Dodge, Fond du La Rock, Sauk, Walworth counties Southeast Region (FAX: 414-263-85) Kenosha, Milwaukee, Ozaukee, Rac	3); Attention R&R Program Associate: louglas, Forest, Florence, Iron, Langlade, Lirunties 3-5610); Attention R&R Program Associate (City of Waupun only), Grant, Green, lov	DNRRRNOR@wisconsin.gov ncoln, Oneida, Polk, Price, Rusk, iate: DNRRRSCR@wisconsin.gov va, Jefferson, Lafayette, Richland, : DNRRRSER@wisconsin.gov

Table 5-18. Summary of Groundwater Analytical Results at DA036

Location			DA036-SB1	DA036-SB2	DA036-SB3
Sample ID			VLK-36-GW-01-01	VLK-36-GW-02-01	VLK-36-GW-03-01
Sample Date			9/9/2014	9/9/2014	9/10/2014
Media	NR 140	NR 140 ES	Groundwater	Groundwater	Groundwater
Sample Type	PAL (μg/L)	(μg/L)	Grab	Grab	Grab
			VOCs (µg/L)		
Acetone	1800	9000	35.0 U	35.0 U	29.2 J
			SVOCs (µg/L)		
bis(2-Ethylhexyl)phthalate	0.6	6	7.38 J	6.54 J	7.69 J
			PAHs (µg/L)		
2-Methylnaphthalene	NA	NA	0.0096 U	0.0095 U	0.067 J
Fluoranthene	80	400	0.0096 U	0.016 J	0.11 J
Naphthalene	10	100	0.0096 U	0.0095 U	0.071 J
Pyrene	50	250	0.0096 U	0.010 J	0.11 J
			Metals (μg/L)		
Arsenic	1	10	10.3 J	7.31 J	8.43 J
Barium	400	2000	211	206	267
Cadmium	0.5	5	1.25 U	1.25 U	0.737 J
Chromium	10	100	65.4 J	58.2 J	220 J
Lead	1.5	15	9.82 J	12.7 J	13.6 J
Selenium	10	50	3.50 J	2.84 J	6.96 J

Bold/highlighted text denotes concentration exceeding the Wisconsin NR 140 PAL.

Red/bold/highlighted text denotes concentration exceeding the Wisconsin NR 140 ES.

ES = Enforcement Standard

ID = Identifier

NA = Not Available

NR = Natural Resources

PAH = Polynuclear Aromatic Hydrocarbon

PAL = Preventative Action Limit

SVOC = Semivolatile Organic Compound

VOC = Volatile Organic Compound

Data Qualifiers

 \overline{J} = Estimated concentration.

U = Not detected at the concentration shown.