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STEP 1: Circle species that you looked for and review the Identification Handout.

STEP 2: Rec	Brazilian waterweec	Yellow floating hear	European frogbit	AQUATIC PLAN	
STEP 2: Record locations of sampling sites (in decimal degrees). Indicate whether snorkeled or why not list AIS found and density at each site or record none. Collect a	weed Parrot feather	heart Fanwort	it Curly leaf pondweed	AQUATIC PLANTS/ALGAE Hydrilla	
g sites (in decimal degre	Didymo	Eurasian water milfoi		Water hyacinth	
es) Indicate whether	Phragmites	Eurasian water milfoil Flowering rush	RIPARIAN PLANTS	Water chestnut	
snorkeled or why not	Japanese hop	Japanese knotweed	Yellow flag iris	Purple loosestrife	
har band 210 toil	New Zealand mudsnails	Asian clam	Zebra/quagga mussels	INVERTEBRATES	
doncity at each cite or reco	Spiny/fishhook waterflea	Rusty/red swamp crayfish	Chinese/Banded mystery snails (please specify)	Faucetsnails	
and pope Collect a			ils (please specify)	Other	

ethanol. WBIC, name of lake, county, sample date, sample type (snails, spiny water flea or zebra mussel) and collector. Legibility is appreciated. If needed, preserve with adequate sample of any new AIS found. Collect five new invasive plant specimens, 20 Dreissenids, and up to 3 of each invertebrate species. Include internal and external labels with

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						1031	Species name, density (1-5) [‡] , and live (L) or dead (D) [§] Sample Photo (Y/N)
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				× ×			2 FLORITALS EUTRIANI MILEOIL FRAG. Y N

^{*}boat landing (BL), target site (TS), meander survey (MS).

[†]Stained water, turbid water, blue-green bloom, chemical treatment, other (please describe).

[§]Live (L) animals will contain flesh and live plants will generally be rooted. Dead (D) animals will not contain flesh and dead plants include sterile fragments. *Density ratings: 1-a few plants or invertebrates, 2-one or a few plant beds or colonies of invertebrates, 3-many small beds or scattered plants or colonies of invertebrates, 4-dense plant, snail, or mussel growth in a while bay or portion of the lake, or 5-dense plant, snail or mussel growth covering most shallow areas.

completed copy of this data form, and a completed copy of the Water Flea Tow Monitoring Report (3200-128) to DNR Science Services. Legibility is appreciated STEP 3: Collect Waterflea Tows from the deep hole (DH). Decant water and preserve the sample. Preserve with 4 parts ethanol and 1 part sample. Submit the sample, a

DELITAR FORM WES E VOILES	Latitude Longitude	Method* Net ring Net	Net	Etnanol	samples compined
SO CM VES		depth (r	n) diameter†		(Y or N)
		OFFICE	20 m	N. C.	N CONTRACTOR
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		The state of the s			

STEP 4: Collect vertical Veliger Tows from 3 sites; the deep hole (DH) and two other deep areas along the downwind side of the lake. Preserve with 4 parts ethanol and 1 Legibility is appreciated. part sample. Submit the sample, a copy of this completed data form, and a completed copy of the Mussel Veliger Tow Monitoring Report (3200-135) to DNR Science Service.

		Latitude
	ALL MARKET TO SERVICE AND	Longitude
	depth (m)	Net ring Net
	depth (m) diameter†	Net
		Ethanol [‡]
	(YorN)	Samples combined Date
		Date sent

^{*}Horizontal, oblique, or vertical.

†30 or 50 cm.

‡Non-denatured or denatured ethanol.

STEP 5: Coordinate voucher and sample submission and verification with regional DNR staff for all AIS records for the specific region.

- Freckmann Herbarium, Wisconsin State Herbarium, Other Plants will be compiled and entered into a spreadsheet to be verified and submitted to a herbarium by an in-person appointment. Please indicate which herbarium: Date of herbarium meeting
- Snails will be compiled with other regional snail specimens and sent to UW La Crosse. Date sent
- Dreissenids will be sent to Science Services. Date sent $\frac{\mathcal{E}_{l}}{2}$
- Crayfish compiled and sent to: Craig Roesler or Scott VanEgeren. Date

STEP 6: Data was entered into SWIMS on 2000 . У 건 KRAJE WSKI

Once data is entered, send scans of data sheets to central office (Maureen.Ferry@Wisconsin.gov and Amanda.Perdzock@Wisconsin.gov)

STEP 7: Data was proofed on ģ

Notes:

State of Wisconsin Department of Natural Resources Wisconsin Lakes Partnership

Collector", and Monitoring location as "Station".

Form 3200-128 (R 02/10)

The purpose of this form is to track the presence/absence of spiny or fishook water fleas collected using a plankton net during AIS monitoring.

purposes, but may be made available to requesters u	inder Wisconsin's Open Recor	ds laws, ss. 19.32 - 19.39, Wis. Stat	S.
Primary Data Collector		1=	
Name		Phone Number	Email
	TONSIN . 60V	1944-9473	
Monitoring Location Waterbody Name	TWBIC	County	Township Name
	ł	OVELLA	Township rvanie
DAM LAKE Date and Time of Monitoring	1596900	Inhite	
Start Date Start Time	End Date (= Start Date)	End Time	
7/1/2016 11:53	Life buto, Guit buto,	End Timo	
Monitoring Results			
Method used: horizontal tows (near surface)	oblique tows (thermocl	line to surface) vertical tov	vs (bottom to surface)
Diameter of plankton net opening 30cm 50cm oth		inc to surrace,	15 (Bottom to surrace)
Site 1: Latitude (optional):	Longitude (optional):	,	Preservative Added
Secchi depth (1) (145) (optional)		= ablique tow) fl/m circle (- *
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Site 3: Latitude (optional):	Depth sampled (if vertical or Longitude (optional):	r oblique tow) ivin Grote c	Preservative Added
Secchi depth (notional)	,	r oblique tow) ft/m circle c	
Have you consolidated all of your samples into	Depth sampled (if vertical or	roblique tow) ivili Grote c	ле
Have you sent your samples to the DNR Plym During this monitoring trip, did you find what you susp		forfloge in this waterhody?	□Ves □Ne
	ect are opiny or rismook yva	terneas iri tilis waterbody:	∐ Yes
Voucher Sample If you found Spiny or Fishhook Water fleas, did	d you collect a youcher specim	een and bring it to your local DNR of	fice? If so which office?
		_	
Rhinelander Spooner	Green Bay	Oshkosh Did not take s	sample to a DNR office
Fitchburg Waukesha	Eau Claire	Superior Other Office:	
If you find Spiny or Fishhook Water Fleas	the state of the s	" to a company of southern when we were	Constitution and
Please bring a copy of this form, along with a vowaterfleas to your regional Citizen Lake Monitor			
until verification by an expert is obtained.	ing Cooldinator at the Divi-	C. All littlat discoveries should be	s placed in funding alcohol
uttil vormouter by an expert to extende.			
If you don't Find Spiny or Fishhook Water Fleas	ł		
If you submit your data online, that is all you nee		e mail a copy to your regional DI	NR Citizen Lake Monitoring
coordinator. http://dnr.wi.gov/lakes/contacts	, a to do. o tile	2 man a cop; to ;g	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
,			
For DNR staff to fill out			
Volume of sample that was analyzed (ml)		Date analyzed	
Name of plankton sample analyst:			
Name of person or museum who identified the vouche	er specimen		
Was the specimen confirmed as?			
Spiny Waterflea? Yes No	Fishhook Waterflea?	Yes No	
		<u> </u>	
Have you entered the results of the voucher in SWIMS			
DNR staff: Please enter voucher information for (Choose Incident Report Form in SWIMS). Enter			

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Mussel Veliger Tow Monitoring Report

Form 3200-135 (R 02/10)

The purpose of this form is to track the presence/absence of zebra or quagga mussel larvae (veligers) collected using a plankton net during AIS surveillance monitoring.

Notice: Information on this voluntary form is collected under ss. 33.02 and 281.11, Wis. Stats. Personally identifiable information collected on this form will be incorporated into the DNR Surface Water Integrated Monitoring System (SWIMS) Database. Personally identifiable information collected on this form will be incorporated into the DNR aquatic invasive species database. It is not intended to be used for any other purposes, but may be made available to requesters under Wisconsin's Open Records laws, ss. 19.32 - 19.39, Wis. Stats.

Name T(, KENSE Monitoring Location			Te:	1=- ··
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Waterbody Name		WBIC	Tografia	Township Name
DAW LAKE		US96400	COUNTY	Township Name
Date and Time of Monit	torina	Contendo		
	Start Time	End Date (= Start Date)	End Time	
7/1/16	111.58			
Monitoring Results				
	tows to collect: If Se	ecchi depth is >4 m (13 fe	eet) take two 2m deep tows; if S	ecchi depth is between 2-4
(6.5-13 feet) take one 2m d	eep tow; if Secchi de	oth is <2 m (<6.5 feet) tak	ce one 1m tow.	
Diameter of zooplankton net op	ening 30cm (50cm c	ther (circle one)		
Site 1: Latitude (optional):		Longitude (optional):		Preservative Added
Secchi depth (M) 4.5		Number of net tows	Depth of tows (m)	1
Site 2: Latitude (optional):		Longitude (optional):		Preservative Added
Secchi depth (m)		Number of net tows	Depth of tows (m)	1
Site 3: Latitude (optional):		Longitude (optional):	Doput of toric (iii) _	Preservative Added
Secchi depth (m)//		Number of net tows	Depth of tows (m)	1
Have you consolidated			Deptit of tows (iii)	<u> </u>
<u></u>	mples to the DNR Plymor			
		atti Service Centers		
COMMENTS/OBSERVA	HONS:			
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For DNR staff to fill out				
	ılyzed (ml)		Date analyzed	
Volume of sample that was ana			Date analyzed	
Volume of sample that was ana Name of plankton sample analy	yst:	specimen:	Date analyzed	
For DNR staff to fill out Volume of sample that was and Name of plankton sample analy Name of person or museum wh Did the samples contain zebr	yst: no identified the voucher	specimen:		

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SERVET OFFE	Collector(s)
STEP TARRET OF THE	າ) Collector(s)

STEP 1: Circle species that you looked for and review the Identification Handout.

AQUATIC PLANTS/ALGAE Hydrilla	Water hyacinth	Water chestnut	Purple loosestrife	INVERTEBRATES	Faucet snails Other
European frogbit Curly leaf pondweed	Water lettuce	RIPARIAN PLANTS	Yellow flag iris	Zebra/quagga mussels	Chinese/Banded mystery snails (please specify)
Yellow floating heart Fanwort	Eurasian water milfoil	Flowering rush	Japanese knotweed	Asian clam	Rusty/red swamp crayfish
Brazilian waterweed Parrot feather	Didymo	Phragmites	Japanese hop	New Zealand mudsnails	Spiny/fishhook waterflea
	/· · · · · · · · · · · · · · · · · · ·				

WBIC, name of lake, county, sample date, sample type (snails, spiny water flea or zebra mussel) and collector. Legibility is appreciated. If needed, preserve with adequate sample of any new AIS found. Collect five new invasive plant specimens, 20 Dreissenids, and up to 3 of each invertebrate species. Include internal and external labels with STEP 2: Record locations of sampling sites (in decimal degrees). Indicate whether snorkeled or why not. List AIS found and density at each site or record none. Collect a

Site*	Latitude	Longitude	Snorkel If no, (Y/N) whyt	indicate	Species name, density $(1-5)^{\ddagger}$, and live (L) or dead (D) [§] Sample Photo No AIS (Y/N) (Y/N)	Sample (Y/N)	Photo (Y/N)	No AIS	Comments
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^{*}boat landing (BL), target site (TS), meander survey (MS).

[†]Stained water, turbid water, blue-green bloom, chemical treatment, other (please describe).

invertebrates, 4-dense plant, snail, or mussel growth in a while bay or portion of the lake, or 5-dense plant, snail or mussel growth covering most shallow areas. *Density ratings: 1-a few plants or invertebrates, 2-one or a few plant beds or colonies of invertebrates, 3-many small beds or scattered plants or colonies of ⁸Live (L) animals will contain flesh and live plants will generally be rooted. Dead (D) animals will not contain flesh and dead plants include sterile fragments.

STEP 3: Collect Waterflea Tows from the deep hole (DH). Decant water and preserve the sample. Preserve with 4 parts ethanol and 1 part sample. Submit the sample, a completed copy of this data form, and a completed copy of the Water Flea Tow Monitoring Report (3200-128) to DNR Science Services. Legibility is appreciated

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			Date sent

part sample. Submit the sample, a copy of this completed data form, and a completed copy of the Mussel Veliger Tow Monitoring Report (3200-135) to DNR Science Service. STEP 4: Collect vertical Veliger Tows from 3 sites; the deep hole (DH) and two other deep areas along the downwind side of the lake. Preserve with 4 parts ethanol and 1 Legibility is appreciated.

Latitude	Longitude	depth (m) diamete	17	Etnanol	(Y or N)	Date sent
	The state of the s					

^{*}Horizontal, oblique, or vertical.

†30 or 50 cm.

‡Non-denatured or denatured ethanol.

STEP 5: Coordinate voucher and sample submission and verification with regional DNR staff for all AIS records for the specific region.

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Freckmann Herbarium, Wisconsin State Herbarium, Other	• Plants will be compiled and entered into a spreadsheet to be verified and submitted to a herbarium by an in-per
Date of herbarium meeting	verified and submitted to a herbarium by an in-person appointment.
	Please indicate which herbarium:

Snails will be compiled with other regional snail specimens and sent to UW La Crosse. Date sent

Dreissenids will be sent to Science Services. Date sent 1000

Crayfish compiled and sent to: Craig Roesler or Scott VanEgeren. Date

Once data is entered, send scans of data sheets to central office (Maureen.Ferry@Wisconsin.gov and Amanda.Perdzock@Wisconsin.gov) STEP 6: Data was entered into SWIMS on . by L NEW BOXE

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Notes:

STEP 7: Data was proofed on

Mussel Veliger Tow Monitoring Report

otate of Wisconsin
Department of Natural Resources
Wisconsin Lakes Partnership

Form 3200-135 (R 02/10)

The purpose of this form is to track the presence/absence of zebra or quagga mussel larvae (veligers) collected using a plankton net during AIS surveillance monitoring.

Notice: Information on this voluntary form is collected under ss. 33.02 and 281.11, Wis. Stats. Personally identifiable information collected on this form will be incorporated into the DNR Surface Water Integrated Monitoring System (SWIMS) Database. Personally identifiable information collected on this form will be incorporated into the DNR aquatic invasive species database. It is not intended to be used for any other purposes, but may be made available to requesters under Wisconsin's Open Records laws, ss. 19.32 - 19.39, Wis. Stats.

Name	Γ		Phone Number	Email
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Monitoring Location				
Vaterbody Name		WBIC	County	Township Name
SAND		1597400	ONELDE	
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tart Date	Start Time	End Date (= Start Date)	End Time	
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Monitoring Results	A CONTRACTOR OF THE PARTY OF TH			
uidelines for how man	y tows to collect: If	Secchi depth is >4 m (13 f	eet) take two 2m deep tows;	f Secchi depth is between 2-4 m
		epth is <2 m (<6.5 feet) ta	ke one 1m tow <i>)</i>	
iameter of zooplankton net	opening 30cm (50cm)	other (circle one)		
ite 1: Latitude (optional):		Longitude (optional):		□ Preservative Added
Secchi depth (m) 1.5		Number of net tows 1	Depth of tows (m) 1
ite 2: Latitude (optional):		Longitude (optional):		Preservative Added
ecchi depth (m)		North are of most town	Depth of tows (
ite 3: Latitude (optional):		Number of net tows (Longitude (optional):	. Deput of tows (Preservative Added
Secchi depth (m)				
secciii deptii (iii)		Number of net tows	Depth of tows (m) <u> </u>
Have you consolidate		o one composite bottle?		
		outh Service Center?		
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Have you sent your s				
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Have you sent your s COMMENTS/OBSERV For DNR staff to fill out	ATIONS:		Date analyzed	
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Have you sent your s COMMENTS/OBSERV For DNR staff to fill out Yolume of sample that was a lame of plankton sample an	nalyzed (ml)		Date analyzed	
Have you sent your s	nalyzed (ml) alyst: who identified the vouch	er specimen:	Date analyzed	

State of Wisconsin Department of Natural Resources Wisconsin Lakes Partnership

Collector", and Monitoring location as "Station".

Form 3200-128 (R 02/10)

The purpose of this form is to track the presence/absence of spiny or fishook water fleas collected using a plankton net during AIS monitoring.

Primary Data Colle	ector				
Name	The second		Phone Numbe		Email
	CASEWKI		90161 - 61	-175	TY, KRATEUIKIO
Monitoring Location Waterbody Name	on	Iwaic	County		Township Name
•		US97000	1	. L	Township Name
テトリウ Date and Time of N	Monitoring		ONEU		
Start Date	IStart Time	End Date (= Start Date)	lEnd Time		
7/7/10	9:30	7/7/11	9:10)	
Monitoring Results		- 1 (1 / / S (/			
	ontal tows (near surface)	oblique tows (thermo	ocline to surface)	vertical to	ws (bottom to surface)
	opening 30cm 50cm				no (bottom to dandos)
Site 1: Latitude (option	Comment	Longitude (optional):			Preservative Added
Secchi depth (m) 4.5		• ,	ar ablique tous	ft/m circle	
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Site 3: Latitude (option	(Depth sampled (if vertical Longitude (optional):	or oblique tow)	ft/m circle	Preservative Added
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		Depth sampled (if vertical into one composite bottle?	or oblique tow)	ft/m circle	one
	· · · · · · · · · · · · · · · · · · ·				
	ur samples to the DNR Pl	ymouth Service Center? uspect are Spiny or Fishhook W	latarflaga in this wa	utorhodu?	
	o, dia you iina what you s	uspect are spirity of ristillook vv	aterneas in tills wa	iterbody ?	Yes 🔼 No
Voucher Sample	or Fishbook Water fleas	did you collect a voucher speci	men and bring it to	your local DNP o	office? If so, which office?
					
Rhinelander	Spooner	Green Bay	Oshkosh	Did not take	sample to a DNR office
Fitchburg	Waukesha	Eau Claire	Superior	Other Office:	
Птеньия					<u> </u>
waterfleas to your regiontil verification by and figure of the second of	this form, along with a onal Citizen Lake Moni expert is obtained. or Fishhook Water Flead online, that is all you is	voucher specimen and if po itoring Coordinator at the DN eas need to do. Otherwise, pleas	IR. All initial disc	overies should b	e placed in rubbing alcohol
For DNR staff to fill o			Date analyzed		
Name of plankton sample		The contraction of the contracti			
	um who identified the vou	cher specimen			
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Was the specimen co		Terus During a		,, <u> </u>	
Spiny Waterflea?	∐ Yes ∐ No			Yes No	
lave you entered the res	ults of the voucher in SW	IMS? ∐Yes ∐No			
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Total Hours (hrs x # ppl)	End Time	Start Time End Time	Collector(s)	AIS Secchi Conductivity sign? (ft or m) (ZM ≥ 99 umhos/cm)	Secch (ft or m	AIS sign:	Date(s)	County	WBIC County	Location Name

STEP 1: Circle species that you looked for and review the Identification Handout.

STEP 2: Record locations o	Yellow floating heart Fanwort Brazilian waterweed Parrot fe	AQUATIC PLANTS/ALGAE Hydrilla European frogbit Curly lea
f sampling sites (in decimal de	Fanwort Eurasian water milfoil Parrot feather Didymo	Hydrilla Water hyacinth Curly leaf pondweed Water lettuce
grees). Indicate whether s	Flowering rush Phragmites	Water chestnut I
norkeled or why not. List A	Japanese knotweed Asian clar Japanese hop New Zeal	Purple loosestrife INVERTEE Yellow flag iris Zebra/qu
AIS found and density at each	lam Rusty/red swamp crayfish aland mudsnails Spiny/fishhook waterflea	3RATES I agga mussels (
STEP 2: Record locations of sampling sites (in decimal degrees). Indicate whether snorkeled or why not. List AIS found and density at each site or record none. Collect a	amp crayfish ————————————————————————————————————	aucet snails Chinese/Banded mystery snails (please specify)

ethanol. WBIC, name of lake, county, sample date, sample type (snails, spiny water flea or zebra mussel) and collector. Legibility is appreciated. If needed, preserve with adequate sample of any new AIS found. Collect five new invasive plant specimens, 20 Dreissenids, and up to 3 of each invertebrate species. Include internal and external labels with

	l opcitudo	Snorkel	If no indicate		Sample	Photo		
	Colligation	(Y/N)	why†	Species name, density (1-5), and live (L) or dead (D)	(Y/N)	(N/X)		Comments
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^{*}boat landing (BL), target site (TS), meander survey (MS).

[†]Stained water, turbid water, blue-green bloom, chemical treatment, other (please describe).

³Live (L) animals will contain flesh and live plants will generally be rooted. Dead (D) animals will not contain flesh and dead plants include sterile fragments. invertebrates, 4-dense plant, snail, or mussel growth in a while bay or portion of the lake, or 5-dense plant, snail or mussel growth covering most shallow areas. *Density ratings: 1-a few plants or invertebrates, 2-one or a few plant beds or colonies of invertebrates, 3-many small beds or scattered plants or colonies of

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	completed copy of this data form, and a completed copy of the Water Flea Tow Monitoring Report (3200-128) to DN	STEP 3: Collect Waterflea Tows from the deep hole (DH). Decant water and preserve the sample. Preserve with 4 p
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		Samples combined (Y or N)
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part sample. Submit the sample, a copy of this completed data form, and a completed copy of the Mussel Veliger Tow Monitoring Report (3200-135) to DNR Science Service. STEP 4: Collect vertical Veliger Tows from 3 sites; the deep hole (DH) and two other deep areas along the downwind side of the lake. Preserve with 4 parts ethanol and 1 Legibility is appreciated.

Latitude	Longitude	Net ring Net	Net	Ethanol [‡]	Samples combined Date	Date sent
		depth (m)	depth (m) diameter†		(Yor N)	

^{*}Horizontal, oblique, or vertical.

#Non-denatured or denatured ethanol.

STEP 5: Coordinate voucher and sample submission and verification with regional DNR staff for all AIS records for the specific region.

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Freckmann Herbarium, Wisconsin State Herbarium, Other	 Plants will be compiled and entered into a spreadsheet to be verified and submitted to a herbarium by an in-pe
Date of herbarium meeting	d and submitted to a herbarium by an in-person appointment. Please indicate which herbariur

Shalls will be compiled with other regional shall specimens and sent to UW La Crosse. Date sent

• Dreissenids will be sent to Science Services. Date sent 8/1/2040

• Crayfish compiled and sent to: Craig Roesler or Scott VanEgeren. Date STEP 6: Data was entered into SWIMS on $\frac{8}{4}$

by TY KEADEWSEL

STEP 7: Data was proofed on Once data is entered, send scans of data sheets to central office (Maureen. Ferry@Wisconsin.gov and Amanda. Perdzock@Wisconsin.gov) Ş

Notes:

^{†30} or 50 cm.

Form 3200-128 (R 02/10)

Wisconsin Lakes Partnership Department of Natural Resources State of Wisconsin

Collector", and Monitoring location as "Station".

Have you entered the results of the voucher in SWIMS?

Spiny Waterflea?

during AIS monitoring. The purpose of this form is to track the presence/absence of spiny or fishook water fleas collected using a plankton net

Notice: Information on this voluntary form is collected under ss. 33.02 and 281.11, Wis. Stats. Personally identifiable information collected on this form

					yse bəm	Was the specimen confir
NA PARTIE NA PAR				sbecjmen	ho identified the voucher	Name of person or museum w
					ı λ ε r :	Name of plankton sample ana
		p	Date analyze		alyzed (ml)	ns sew tsat elqmes to emuloV
No.				The second of th		For DNR staff to fill out
-	IR Citizen Lake Monitoring	AG Isnoiger ruoy o	e mail a copy t	to do. Othemise, pleas	ne, that is all you need	If you don't Find Spiny or F If you submit your data onli coordinator. http://dnr.wi.go
	found the suspect placed in rubbing alcohol	nowing where you bluode seirevoo	e qam a ,əldi <i>e.</i> 3. All initial di <i>s</i> e	cher specimen and if pos g Coordinator at the DNR	form, along with a vou Citizen Lake Monitorin	If you find Spiny or Fishhoo Please bring a copy of this waterfleas to your regional until verification by an expe
		Other Office:	Superior	Eau Claire		Eitchburg
	ample to a DNR office	Did not take sa	Огркогр	Creen Bay	Sboouer	☐ Rhinelander
	ce? If so, which office?	o your local DNR offi	t i gnird bris nər	vou collect a voucher specim	shhook Water fleas, did y	
a a a a a a a a a a a a a a a a a a a		po recent				Voucher Sample
	ON S9Y	sterbody?	terfleas in this w			During this monitoring trip, did
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				one composite bottle?	all of your samples into o	Have you consolidated
		o elonio m\f)	r oblique tow.	Depth sampled (if vertical o	ptional)	Secchi depth (m)
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						win be incorporated into the

(Choose Incident Report Form in SWIMS). Enter date of sampling for "Start Date", Person who identified specimen as "Data DNR staff: Please enter voucher information for new AIS findings into SWIMS under the Incident Report Project for your county

Fishhook Waterflea?

Mussel Veliger Tow Monitoring Report

Form 3200-135 (R 02/10)

State of Wisconsin Department of Natural Resources Wisconsin Lakes Partnership

The purpose of this form is to track the presence/absence of zebra or quagga mussel larvae (veligers) collected using a plankton net during AIS surveillance monitoring.

SWIMS). Enter date of san	ase enfer voucher information for new AIS finding Form in SWIWS). Enfer date of sampling for "S fion as "Station".	hodeAt Report
	Ye results of the samples in SWIMS?	
	confain zebra mussel veligers?	
who identified the voucher spe	or museum who identified the voucher specimen:	vame of person
selyst:	sample analyst:	Vame of planktor
analyzed (ml)	e fhat was analyzed (ml)	Iqmss to emuloV
	to fill out	Thata AND 107
:SNOII 4/	OBSERVATIONS:	COMMENIS/
	sent your samples to the DNR Plymouth Service Cente	
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	IO COUCA	Primary Data Name
	Collector	

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Start Time End Time (hrs x # ppl)	End Time	Start Time	Collector(s)	AIS Secchi Conductivity sign? (ft or m) (ZM≥99 umhos/cm)	Secchi (ft or m)	AIS sign?	Date(s)	County	WBIC County	Location Name

STEP 1: Circle species that you looked for and review the Identification Handout.

Zebra/quagga mussels Chinese/Banded mystery snails (please specify) Asian clam Rusty/red swamp crayfish New Zealand mudsnails Spiny/fishhook waterflea	RIPARIAN PLANTS Yellow flag iris Flowering rush Japanese knotweed Phragmites Japanese hop	European frogbit Curly leaf pondweed Water lettuce Yellow floating heart Fanwort Eurasian water milfoil Flowering rush Japanese knotweed New Zeala Parrot feather Didymo Phragmites Japanese hop New Zeala
INVERTEBRATES Faucet snails Othe	Water chestnut Purple loosestrife	AQUATIC PLANTS/ALGAE Hydrilla Water hyacinth

sample of any new AIS found. Collect five new invasive plant specimens, 20 Dreissenids, and up to 3 of each invertebrate species. Include internal and external labels with ethanol. WBIC, name of lake, county, sample date, sample type (snails, spiny water flea or zebra mussel) and collector. Legibility is appreciated. If needed, preserve with adequate SIEP 2: Record locations of sampling sites (in decimal degrees). Indicate whether snorkeled or why not. List Als found and density at each site or record none. Collect a

Site*	Latitude	Longitude	Snorkel (Y/N)	Snorkel If no, indicate (Y/N) why†	Species name, density $(1-5)^{\dagger}$, and live (L) or dead (D) [§] Sample Photo (Y/N)	Sample (Y/N)		No AIS	Comments
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^{*}boat landing (BL), target site (TS), meander survey (MS).

[†]Stained water, turbid water, blue-green bloom, chemical treatment, other (please describe).

⁹Live (L) animals will contain flesh and live plants will generally be rooted. Dead (D) animals will not contain flesh and dead plants include sterile fragments. invertebrates, 4-dense plant, snail, or mussel growth in a while bay or portion of the lake, or 5-dense plant, snail or mussel growth covering most shallow areas. *Density ratings: 1-a few plants or invertebrates, 2-one or a few plant beds or colonies of invertebrates, 3-many small beds or scattered plants or colonies of

STEP 3: Collect Waterflea Tows from the deep hole (DH). Decant water and preserve the sample. Preserve with 4 parts ethanol and 1 part sample. Submit the sample, a completed copy of this data form, and a completed copy of the Water Flea Tow Monitoring Report (3200-128) to DNR Science Services. Legibility is appreciated

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		Latitude
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	Annual and the second s	Samples combined Date sent (Y or N)
		Date sent

Legibility is appreciated. part sample. Submit the sample, a copy of this completed data form, and a completed copy of the Mussel Veliger Tow Monitoring Report (3200-135) to DNR Science Service. aiving מיכי עט שווישווים side of the lake. Preserve with 4 parts ethanol and 1

	Latitude
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	Net ring Net depth (m) diamete
	Net ring Net depth (m) diameter†
	Ethanol [‡]
	Samples combined Dat (Y or N)
	Date sent

^{*}Horizontal, oblique, or vertical.

‡Non-denatured or denatured ethanol.

STEP 5: Coordinate voucher and sample submission and verification with regional DNR staff for all AIS records for the specific region.

- Plants will be compiled and entered into a spreadsheet to be verified and submitted to a herbarium by an in-person appointment. Please indicate which herbarium: Freckmann Herbarium, Wisconsin State Herbarium, Other Date of herbarium meeting
- Snails will be compiled with other regional snail specimens and sent to UW La Crosse. Date sent
- Dreissenids will be sent to Science Services. Date sent <u>E/1/L040</u>
- Crayfish compiled and sent to: Craig Roesler or Scott VanEgeren. Date

bo

STEP 6: Data was entered into SWIMS on _

TOUR BY THE KINDENSKE

STEP 7: Data was proofed on Once data is entered, send scans of data sheets to central office (Maureen.Ferry@Wisconsin.gov and Amanda.Perdzock@Wisconsin.gov) Ş

Salon

^{†30} or 50 cm.

Mussel Veliger Tow Monitoring Report

Form 3200-135 (R 02/10)

81

The purpose of this form is to track the presence/absence of zebra or quagga mussel larvae (veligers) collected using a plankton net during AIS surveillance monitoring.

Notice: Information on this voluntary form is collected under ss. 33.02 and 281.11, Wis. Stats. Personally identifiable information collected on this form will be incorporated into the DNR Surface Water Integrated Monitoring System (SWIMS) Database. Personally identifiable information collected on this form will be incorporated into the DNR aquatic invasive species database. It is not intended to be used for any other purposes, but may be made available to requesters under Wisconsin's Open Records laws, ss. 19.32 - 19.39, Wis. Stats.

Primary Data Collector				
			Phone Number	Email
TY KEASE	OSCI_	to control of the con	994-4472	TY. KRASEWSKEDWI.
Monitoring Location				
Waterbody Name		WBIC	County	Township Name
CHAIN		15980000	OURTOA	
Date and Time of Moni				
Start Date	Start Time	End Date (= Start Date)	End Time	
7/8/110	9:00		1 9:15	
Monitoring Results				
			eet) take two 2m deep tows; if S	ecchi depth is between 2-4 m
(6.5-13 feet) take one 2m c		With the control of t	te one im tow. T	Residence of the second se
Diameter of zooplankton net o	pening 30cm bucm o			
Site 1: Latitude (optional):		Longitude (optional):		Preservative Added
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Site 2: Latitude (optional):		Longitude (optional):		Preservative Added
Secchi depth (m)		Number of net tows	Depth of tows (m)	
Site 3: Latitude (optional):		Longitude (optional):	The state of the s	Preservative Added
Secchi depth (m)		Number of net tows	Depth of tows (m)	
* Have you consolidated	all of your samples into		Doptii or to ito (iii)	
	mples to the DNR Plymo			
		atif betwee contain		
COMMENTS/OBSERVA	ATIONS:			
For DNR staff to fill out				
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Volume of sample that was an				
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/olume of sample that was an Name of plankton sample anal		specimen:		
	ho identified the voucher	Yes No	0	

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State of Wisconsin Department of Natural Resources Wisconsin Lakes Partnership

Collector", and Monitoring location as "Station".

Form 3200-128 (R 02/10)

The purpose of this form is to track the presence/absence of spiny or fishook water fleas collected using a plankton net during AIS monitoring.

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			Phone Number		Email	e are printed
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Monitoring Location Waterbody Name	on	IMBIC	County	and the second	Township Name	
•		WBIC			Township Name	,
	FFKE	1598000	OMETO	> 		
Date and Time of Nater Date	Start Time	End Date (≍Start Date)	End Time			
7/8/16	97.00	Elid Date (- Staft Date)	9:15			
Monitoring Results			1 147			
	ontal tows (near surface)	oblique tows (thermo	cling to curface)	U vortical tov	vs (bottom to surfac	- <u>a</u>)
(pr) HOHE	opening 30cm 50cm oth		cline to surrace)	vertical tov	vs (bottom to same	.e <i>)</i>
	Name of the last o				na	
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		Depth sampled (if vertical	or oblique tow)	ft/m circle o		
Site 2: Latitude (option Secchi depth (m)		Longitude (optional):			Preservative	e Added
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Secchi depth (m)					Preservative	e Addea
		Depth sampled (if vertical	or oblique tow)	ft/m circle o	one	
- 	dated all of your samples int					
	ur samples to the DNR Plym					— 1
	o, did you find what you susp	pect are Spiny or Fishhook W	aterfleas in this wa	iterbody?	Yes	No
Voucher Sample				Touris St. 1 19	. O If	· · · · ·
If you found Spiny	or Fishhook Water fleas, di	d you collect a voucher specir		your local DNR of	rice? If so, which of	nce?
Rhinelander	Spooner	Green Bay	Oshkosh	Did not take s	sample to a DNR off	ice
D Fitable	Waukesha	Eau Claire	Cunquion	Other Office:		
Fitchburg	waukesiia	Eau Claire	Superior	Ouner Office: _		
	this form, along with a vo	oucher specimen and if po ring Coordinator at the DN				
until verification by an If you don't Find Spiny	or Fishhook Water Fleas a online, that is all you ne	s ed to do. Otherwise, pleas	se mail a copy to	your regional DI	NR Citizen Lake ♪	
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ST ST TATA	Location Name W
	WBIC -
ONMHOA	County
7/7/16	Date(s)
-	AIS sign?
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Marie Company and Constitution of the Constitu	Secchi Conductivity (ft or m) (ZM≥99 umhos/cm)
TY KEASEUS EN 11:15	Collector(s)
	Start Time
12:50	Start Time End Time
	Total Hours (hrs x # ppl)

STEP 1: Circle species that you looked for and review the Identification Handout.

AQUATIC PLANTS/ALGAE	Hydrilla	Water hyacinth	Water chestnut	Purple loosestrife	INVERTEBRATES	Faucet snails (Other
European frogbit	Curly leaf pondweed	Water lettuce	RIPARIAN PLANTS	Yellow flag iris	Zebra/quagga mussels	Chinese/Banded mystery snails (please specifi	please specify)
Yellow floating heart	Fanwort	Eurasian water milfoil	Flowering rush	Japanese knotweed	Asian clam	Rusty/red swamp crayfish	
Brazilian waterweed	Parrot feather	Didymo	Phragmites	Japanese hop	New Zealand mudsnails	Spiny/fishhook waterflea -	
CTTD D							

sample of any new AIS found. Collect five new invasive plant specimens, 20 Dreissenids, and up to 3 of each invertebrate species. Include internal and external labels with ethanol. WBIC, name of lake, county, sample date, sample type (snails, spiny water flea or zebra mussel) and collector. Legibility is appreciated. If needed, preserve with adequate STEP 2: Record locations of sampling sites (in decimal degrees). Indicate whether snorkeled or why not. List AIS found and density at each site or record none. Collect a

Site*	Latitude	Longitude	Snorkel If no, (Y/N) why†	Snorkel If no, indicate (Y/N) why†	Species name, density $(1-5)^{\ddagger}_{,i}$ and live (L) or dead (D) ^{\ddagger} Sample Photo No AIS (Y/N) (Y/N)	Sample Photo (Y/N)	Photo (Y/N)	No AIS	Comments
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^{*}boat landing (BL), target site (TS), meander survey (MS).

[†]Stained water, turbid water, blue-green bloom, chemical treatment, other (please describe).

^{*}Density ratings: 1-a few plants or invertebrates, 2-one or a few plant beds or colonies of invertebrates, 3-many small beds or scattered plants or colonies of Slive (L) animals will contain flesh and live plants will generally be rooted. Dead (D) animals will not contain flesh and dead plants include sterile fragments. invertebrates, 4-dense plant, snail, or mussel growth in a while bay or portion of the lake, or 5-dense plant, snail or mussel growth covering most shallow areas

completed copy of this data form, and a completed copy of the Water Flea Tow Monitoring Report (3200-128) to DNR Science Services. Legibility is appreciated STEP 3: Collect Waterflea Tows from the deep hole (DH). Decant water and preserve the sample. Preserve with 4 parts ethanol and 1 part sample. Submit the sample, a

	Latitude
	===
	Longitude
	Method*
	Method* Net ring Net depth (m) diam
	Net ring Net depth (m) diameter†
	Ethanol
	Samples combined (Y or N)
	Date sent

STEP 4: Collect vertical Veliger Tows from 3 sites; the deep hole (DH) and two other deep areas along the downwind side of the lake. Preserve with 4 parts ethanol and 1 Legibility is appreciated. part sample. Submit the sample, a copy of this completed data form, and a completed copy of the Mussel Veliger Tow Monitoring Report (3200-135) to DNR Science Service.

	Latitude
	Longitude
	Net ring Net depth (m) diame
	ter†
	Ethanol [*]
	Samples combined Date (Y or N)
	Date sent

^{*}Horizontal, oblique, or vertical.

‡Non-denatured or denatured ethanol.

STEP 5: Coordinate voucher and sample submission and verification with regional DNR staff for all AIS records for the specific region.

- Freckmann Herbarium, Wisconsin State Herbarium, Other Plants will be compiled and entered into a spreadsheet to be verified and submitted to a herbarium by an in-person appointment. Please indicate which herbarium: Date of herbarium meeting
- Snails will be compiled with other regional snail specimens and sent to UW La Crosse. Date sent
- Dreissenids will be sent to Science Services. Date sent $-\mathcal{E}/\sqrt{\mathcal{E}/\mathcal{E}}$.
- Crayfish compiled and sent to: Craig Roesler or Scott VanEgeren. Date

by TY KEASEUSKE

STEP 7: Data was proofed on Once data is entered, send scans of data sheets to tentral office (Maureen.Ferry@Wisconsin.gov and Amanda.Perdzock@Wisconsin.gov) β

Notes:

t30 or 50 cm.

Mussel Veliger Tow Monitoring Report

Form 3200-135 (R 02/10)

The purpose of this form is to track the presence/absence of zebra or quagga mussel larvae (veligers) collected using a plankton net during AIS surveillance monitoring.

Notice: Information on this voluntary form is collected under ss. 33.02 and 281.11, Wis. Stats. Personally identifiable information collected on this form will be incorporated into the DNR Surface Water Integrated Monitoring System (SWIMS) Database. Personally identifiable information collected on this form will be incorporated into the DNR aquatic invasive species database. It is not intended to be used for any other purposes, but may be made available to requesters under Wisconsin's Open Records laws, ss. 19.32 - 19.39, Wis. Stats,

Primary Data Collector					
Name				Phone Number	Email
TY YEARS LES				1944-4172	IY.KERSELKKIWUE.
Monitoring Location					
Waterbody Name	WBIC	HAME		County	Township Name
STONE LAKE	ا معجور تأ	1 Mily		<u> </u>	
Date and Time of Monitoring Start Date / Start Time	End D	ate (= Start Da	oto)	End Time	
7/7/1(x 12:50	Ellu Da	ale (- Star De	ile)		s.
Monitoring Results					
Guidelines for how many tows to collec (6.5-13 feet) take one 2m deep tow; if Seco	chi depth is <				Secchi depth is between 2-4 m
Diameter of zooplankton net opening 30cm 50	0cm other	(circle o	ne)		
Site 1: Latitude (optional):	Lo	ngitude (optio	nal):	· · · · · · · · · · · · · · · · · · ·	Preservative Added
Secchi depth (m)	Numbe	er of net tows_		Depth of tows (m)	
Site 2: Latitude (optional):		ngitude (optio	nal):	· · · · · · · · · · · · · · · · · · ·	Preservative Added
Secchi depth (m) 4.5	Numbe	er of net tows	*	Depth of tows (m)	1
Site 3: Latitude (optional):		ngitude (optio	nal):	Dopar or torro (m)	Preservative Added
Secchi depth (m) 45	Numbe	er of net tows	j	Depth of tows (m)	Frescivative Added
Have you consolidated all of your sample			?	Dopar or terre ()	
Have you sent your samples to the DNR	Plymouth Ser	vice Center?			,
COMMENTS/OBSERVATIONS:					
SOMMEN. 03.00-100.000.000.000.000.000.000.000.000.	AND THE RESIDENCE	<u> 1888 - Parada da </u>	A CONTRACTOR OF THE PARTY OF TH		
For DNR staff to fill out					
Volume of sample that was analyzed (ml)				Date analyzed	
Name of plankton sample analyst:					
Name of person or museum who identified the v	oucher specim	nen:			
Did the samples contain zebra mussel velige	rs?	Yes	☐ No		
Have you entered the results of the samples in S	SWIMS?	Yes	□No		
DNR staff: Please enter voucher information Incident Report Form in SWIMS). Enter de Monitoring location as "Station".					

	Ψ _n , u	
· Portugues		

Water Flea Tow Monitoring Report

Form 3200-128 (R 02/10)

The purpose of this form is to track the presence/absence of spiny or fishook water fleas collected using a plankton net during AIS monitoring.

		ider wisconsiirs Open Reco	105 laws, ss. 13.04 -	19.38, VVIS. State	5.
Primary Data Collecto	זכ			Sir cere	
Name TY KKAS	SEULKI		Phone Number	75	Email
Monitoring Location					
Waterbody Name		WBIC	County		Township Name
STONE LIKE		1597600	ONFED		
Date and Time of Mon					
Start Date	Start Time	End Date (= Start Date)	End Time		<u> </u>
7/7/Kp	12:50	7/7/16	1:00	6M/	
Monitoring Results					
Method used: Morizonta	al tows (near surface)	oblique tows (thermod	cline to surface)	vertical tow	s (bottom to surface)
Diameter of plankton net ope	ning 30cm 50cm othe	er (circle one)			
Site 1: Latitude (optional):		Longitude (optional):	277777847444	Pleased	☑ Preservative Added
Secchi depth (m) (Depth sampled (if vertical of	or oblique tow)	ft/m circle o	
Site 2: Latitude (optional):		Longitude (optional):	<u> </u>		Preservative Added
Secchi depth (m) // ((optional)	Depth sampled (if vertical of	or oblique tow)	ft/m circle o	
Site 3: Latitude (optional):	· · · · · · · · · · · · · · · · · · ·	Longitude (optional):	n obiiquo tarry		Preservative Added
Secchi depth (m)// ((optional)	Depth sampled (if vertical of	or oblique tow)	ft/m circle o	
Have you consolidated	ed all of your samples into	· · · · · · · · · · · · · · · · · · ·	obliquo totti	IUIII ON OIC C	iio .
	amples to the DNR Plymo				
During this monitoring trip, did			eterfless in this water	rhody?	Yes No
Voucher Sample	1 you min man, y =	ot are opiny of the man	Meriodo in ana	Douy:	∏ tes Muo
	Fishhook Water fleas, did	you collect a voucher specin	men and bring it to yo	vir local DNR off	ice? If so which office?
Rhinelander	Spooner	Green Bay			ample to a DNR office
Fitchburg	Waukesha	Eau Claire	Superior	Other Office: _	
If you find Spiny or Fishhood Please bring a copy of this waterfleas to your regional until verification by an expension of the spiny of Figure 1 or Figure 1 or Figure 1 or Figure 2 or F	s form, along with a vou I Citizen Lake Monitorin ert is obtained. Fishhook Water Fleas line, that is all you need	ng Coordinator at the DNI	R. All initial discove	eries should be	
For DNR staff to fill out			100 Fasters 100 Fa		
Volume of sample that was ar	nalyzed (ml)		Date analyzed	Name and Art State of	
Name of plankton sample ana	alyst:				
Name of person or museum w	vho identified the voucher	r specimen			
Was the specimen confir	rmed as?				
Spiny Waterflea?	Yes No	Fishhook Waterflea?	Yes	s No	
Have you entered the results					
DNR staff: Please enter vo (Choose Incident Report F Collector", and Monitoring	oucher information for a	new AIS findings into SW			

				i
i				