

1. Do you use the SWDV or i-SWDV (WT Viewer) for work?

		Response Percent	Response Count
Yes, I use the SWDV or i-SWDV often (1 or more times a day)		37.7%	93
Yes, I use the SWDV or i-SWDV a few times a week		23.1%	57
Yes, I use the SWDV or i-SWDV a few times a month		27.1%	67
No, I don't use the SWDV or i-SWDV at all		12.1%	30
		answered question	247
		skipped question	0

2. Please describe why you do not use the SWDV or i-SWDV

		Response Percent	Response Count
The SWDV and i-SWDV are too complicated.		3.7%	1
I use other viewers, like Webview, for work.		14.8%	4
The datalayers I need are not on the SWDV or i-SWDV.		7.4%	2
I don't know where to find these tools.		18.5%	5
I use commercial online tools, like google or topozone instead.		22.2%	6
I use paper maps and files.		14.8%	4
I just simply have no use for these tools.		40.7%	11
System instability is an issue.		0.0%	0
Server response time is too slow.		7.4%	2
Other (please specify)		11.1%	3
		answered question	27
		skipped question	220

3. Name the primary work activities for which you use the SWDV and i-SWDV. Select one or more relevant activities below.

		Response Percent	Response Count
Look up, create monitoring stations, locations		36.9%	73
Review, look up impaired waters and related		32.3%	64
Conduct wetlands, wet soils analysis		41.9%	83
Review dam safety, location		18.7%	37
Create, look up fish survey locations		23.2%	46
Look up Outstanding and Exceptional Resource Waters		49.0%	97
Look up Trout Waters		47.0%	93
Look up Designated Waters for potential permit		40.4%	80
Use transportation and base layer information		41.9%	83
Look up grant locations, documents		8.1%	16
Look up boating ordinances, text		2.5%	5
Use multiple datalayers to evaluate potential permit or other regulatory review		55.6%	110
	Other (please specify)		52
answered question			198
skipped question			49

4. List the top few data groups that you find most useful on the SWDV and/or i-SWDV.

		Response Percent	Response Count
Inland Water Resources		58.1%	118
Dam and Floodplain Program		23.6%	48
Fisheries Management Waters		29.1%	59
Aquatic Invasives		16.7%	34
Monitoring & Assessments		35.0%	71
Wetlands, Plants & Habitat		44.8%	91
Permits & Related Data		27.6%	56
Grant Locations		5.9%	12
Admin & Political Boundaries		34.0%	69
Land Descriptions & Cadastral		36.5%	74
Recreation & Trails		6.4%	13
Map Indexes		6.9%	14
Forests & Landcover		10.3%	21
Transportation		28.6%	58
Imagery & Basemaps		79.3%	161
Elevation & Derived Products		14.8%	30
Designated Waters		44.3%	90
Standards, Monitoring & Assessment Data (i-SWDV)		22.7%	46
	Other (please specify)		6
		answered question	203
		skipped question	44

5. How useful have you found this software in your day to day operations?

		Response Percent	Response Count
Highly useful		61.9%	125
Useful		26.2%	53
Somewhat useful		10.4%	21
Not useful		1.5%	3
answered question			202
skipped question			45

6. How easy was it to integrate this application into your existing work flow?

		Response Percent	Response Count
Highly easy		33.7%	67
Easy		50.8%	101
Somewhat difficult		14.6%	29
Very difficult		1.0%	2
Other (please specify)			5
answered question			199
skipped question			48

7. Please describe how important the following tools are to you in using the SWDV.

	extremely important	important	somewhat important	not important at all	no opinion	Response Count
basic tools	63.7% (128)	30.8% (62)	4.0% (8)	0.5% (1)	1.0% (2)	201
advanced tools	55.6% (109)	34.2% (67)	6.6% (13)	1.5% (3)	2.0% (4)	196
search by water name and county	47.4% (91)	22.9% (44)	15.6% (30)	9.9% (19)	4.2% (8)	192
basic select layer	40.9% (81)	37.4% (74)	9.6% (19)	3.0% (6)	9.1% (18)	198
advanced select functions	34.6% (64)	29.2% (54)	15.7% (29)	5.4% (10)	15.1% (28)	185
shapefile downloads	8.4% (15)	12.9% (23)	22.5% (40)	24.2% (43)	32.0% (57)	178
excel file downloads	14.3% (25)	13.7% (24)	24.0% (42)	19.4% (34)	28.6% (50)	175
watershed delineation tool	20.3% (37)	20.9% (38)	22.0% (40)	13.2% (24)	23.6% (43)	182
answered question						202
skipped question						45

8. Please identify the title below that most closely matches your work area.

		Response Percent	Response Count
Water Quality Biologist		7.2%	14
Fisheries Biologist		14.4%	28
Permit Drafter		4.1%	8
Waterways Protection Specialist		14.9%	29
Effluent Limits Calculator		1.5%	3
Dam Safety Engineer		8.2%	16
Water Quality Standards		3.6%	7
Runoff/Stormwater Program		11.9%	23
Program Specialist		10.3%	20
Water Resources Specialist		14.4%	28
Program Manager		5.7%	11
Regional Supervisor		2.1%	4
Administration		0.5%	1
Wetlands Biologist		1.0%	2
		answered question	194
		skipped question	53

9. Do you recommend the SWDV to your DNR colleagues? (and if not, why not).

		Response Percent	Response Count
Yes		94.8%	182
No		5.2%	10
	Other (please specify)		14
answered question			192
skipped question			55

10. How did you become aware of (and become trained in using) the SWDV application?

		Response Percent	Response Count
E-newsletter		1.5%	3
DNR website		17.0%	33
Online training		2.1%	4
In-person training		35.1%	68
Colleague recommended		25.8%	50
Other (please specify)		18.6%	36
answered question			194
skipped question			53

11. Did you visit the SWDV Help website for more information about advanced tools and layers for the SWDV?

		Response Percent	Response Count
Yes		27.2%	53
No		72.8%	142
answered question			195
skipped question			52

12. Do you have any suggestions for improving this software?

		Response Count
		72
answered question		72
skipped question		175

13. Any final comments?

		Response Count
		48
answered question		48
skipped question		199

1. Please describe why you do not use the SWDV or i-SWDV

Other (please specify)		
1	I am a new employee. I am not sure if I will use the tool.	Nov 1, 2010 8:53 PM
2	I use it a few times per year but that option is not available above	Nov 1, 2010 9:41 PM
3	Staff may use this database from time to time	Nov 10, 2010 7:42 PM

1. Name the primary work activities for which you use the SWDV and i-SWDV.

Other (please specify)		
1	Look up floodplain analyses and links to study pdf and engineering input files	Nov 1, 2010 8:45 PM
2	Floodplain Mapping	Nov 1, 2010 8:46 PM
3	Use it to tell me what to look for when I go to the NHI database and/or Archeological Database	Nov 1, 2010 8:48 PM
4	general reference, topographical relief, comparison of varying years of aerial photos and more.	Nov 1, 2010 8:49 PM
5	Locate project locations	Nov 1, 2010 8:49 PM
6	I create a map of the location of a site with all the layers I need to keep in the file.	Nov 1, 2010 8:55 PM
7	Aquatic Invasive Species, Critical Habitat Areas and Reports, Walleye Waters, Musky Waters	Nov 1, 2010 8:56 PM
8	Find locations of WPDES permitted facilities	Nov 1, 2010 8:59 PM
9	Look up animal operation sites to see receiving waters.	Nov 1, 2010 9:00 PM
10	Look up geograph and resource features of a location	Nov 1, 2010 9:07 PM
11	I also use the 2008 aerial photos to help determine if suitable habitat is present for endangered/threatened species	Nov 1, 2010 9:09 PM
12	Aerial photos of wastewater dischargers	Nov 1, 2010 9:15 PM
13	Creating site locational blocks and measuring distances and areas	Nov 2, 2010 10:48 AM
14	make sure SWDV is working	Nov 2, 2010 12:00 PM
15	Try to find water quality data	Nov 2, 2010 12:51 PM
16	air photo view of property observe structures	Nov 2, 2010 1:56 PM
17	historic aerial photography review	Nov 2, 2010 2:01 PM
18	Look to see if projects have been issued a ch. 30 permit	Nov 2, 2010 2:01 PM
19	Check for existing FAD analyses (floodplain analysis database). Add new FAD analyses.	Nov 2, 2010 2:29 PM
20	Often used because of the value of aerial photographs for evaluating land use in watershed.	Nov 2, 2010 2:39 PM
21	I supply Matt with the wetland data and I check the viewer to make sure the newly added wetland layers are correct	Nov 2, 2010 2:42 PM
22	Floodplain Analysis Data and Flood Insurance Rate Map Data	Nov 2, 2010 2:49 PM
23	create quick maps	Nov 2, 2010 3:11 PM
24	create a project map for regualtory/enforcement	Nov 2, 2010 3:20 PM
25	View aerial photo for land use, waterway location	Nov 2, 2010 3:26 PM
26	NRCS Hydric Soils, CH 30 permits, violations, topo maps for navigability determinations,	Nov 2, 2010 3:59 PM
27	need a clear view of lakes, rivers, streams and road crossings	Nov 2, 2010 4:23 PM
28	- Use Identify feature to gather water resource and locational information for specific BMPs (RM grants related).	Nov 2, 2010 5:00 PM
29	Look up floodplain analysis and download engineering input records.	Nov 2, 2010 5:33 PM
30	Sometimes I just need a simple map showing connectivity of surface waters, or locating private ponds, or determining distance or polygon sizes, random tasks like that.	Nov 2, 2010 6:05 PM
31	floodplain data, designated waters layers, waterway and wetland permit layer, watershed layer, land description layer	Nov 2, 2010 6:47 PM
32	dnr managed lands, gps coord., tools for measuring distances and acreage	Nov 2, 2010 7:52 PM
33	Floodplain layer	Nov 3, 2010 3:05 PM
34	floodplain map viewing, detailed floodplain study locations	Nov 3, 2010 3:20 PM

1. Name the primary work activities for which you use the SWDV and i-SWDV.

Other (please specify)		
35	Measure mileage and area Review air photos	Nov 3, 2010 8:03 PM
36	produce base maps for reports	Nov 4, 2010 2:32 PM
37	Make navigability determinations using the Custom Watershed Delineation Tool. Determine if construction of waterway/wetland projects have occurred without a permit comparing historic and current aerial photographs.	Nov 5, 2010 3:24 PM
38	Review site topography & drainage ways to wetlands & navigable waters. Find site location for traveling to the site.	Nov 8, 2010 3:48 PM
39	look up invasive-infested lakes	Nov 8, 2010 8:19 PM
40	desk top review of all sorts of issues - wrz, ea, nat waterbody, habitat work and on and on	Nov 9, 2010 7:35 PM
41	Air photos	Nov 11, 2010 3:52 PM
42	Look up floodplain information	Nov 13, 2010 6:03 PM
43	Check for flood study information	Nov 15, 2010 1:25 PM
44	Floodplain data	Nov 15, 2010 1:46 PM
45	Floodplain Information	Nov 15, 2010 1:50 PM
46	Floodplain maps	Nov 15, 2010 4:21 PM
47	Look at floodplain maps	Nov 15, 2010 8:45 PM
48	Locate unauthorized dam, located property	Nov 16, 2010 6:54 PM
49	Floodplain review and FAD database	Nov 24, 2010 9:03 PM
50	Use this in place of plat book. Air photo with PLSS is great to see.	Dec 1, 2010 8:57 PM
51	Make maps showing locations of newly drilled wells.	Dec 2, 2010 5:35 PM
52	Aquatic Invasive Species	Dec 3, 2010 6:06 PM

2. List the top few data groups that you find most useful on the SWDV and/or i-

Other (please specify)		
1	surface water presence, streams and rivers	Nov 1, 2010 8:50 PM
2	soils	Nov 2, 2010 12:00 PM
3	Floodplain	Nov 2, 2010 12:35 PM
4	Outstanding & Exceptional Resource Waters	Nov 2, 2010 9:23 PM
5	I used town & range layer, & local govt. designations - not sure if these are in "map indexes" or "imagery & basemaps". I haven't used the system long enough & don't use it often enough to be very familiar with the names of each layer. Also, I may not be familiar with all layers that would be helpful to me. For ex., I'm unsure of the difference betw. "monitoring & assessments" vs. "standards, monitoring & assessment data".	Nov 8, 2010 3:48 PM
6	Find or create fish stocking locations.	Nov 17, 2010 8:54 PM

4. How easy was it to integrate this application into your existing work flow?

Other (please specify)		
1	I didn't and probably still do not have enough training on how to use it to the fullest extent.	Nov 1, 2010 8:52 PM

4. How easy was it to integrate this application into your existing work flow?

Other (please specify)		
2	The SWDV replaced the GIS Sitefinder so there are some disadvantages tot he SWDV.	Nov 1, 2010 9:09 PM
3	Not easy but not hard either. It just takes time because I do not use it every day; but when I do it's a pretty important tool.	Nov 2, 2010 4:17 PM
4	Difficult to zoom in & out, & move horizontally to follow drainage paths & identify receiving surface waters.	Nov 8, 2010 3:48 PM
5	I do not understand this question. I find the application easy to use.	Nov 15, 2010 8:45 PM

2. Do you recommend the SWDV to your DNR colleagues? (and if not, why not).

Other (please specify)		
1	Only beacuse there is nothing else	Nov 1, 2010 8:50 PM
2	This is an excellent tool for the public and various agencies as well, I refer people to it frequently.	Nov 1, 2010 8:52 PM
3	Most already use it.	Nov 1, 2010 8:57 PM
4	Not really a topic of conversation. Otherwise, I would recommend it. You all have done a fabulous job developing this resource.	Nov 1, 2010 9:02 PM
5	fGIS and ArcView are better, offer more customization/utility	Nov 1, 2010 9:30 PM
6	1000's of public users can't be wrong.	Nov 2, 2010 12:03 PM
7	they already know	Nov 2, 2010 1:58 PM
8	I also recommend it to colleagues outside the DNR, including grantees, school groups, etc. It is an excellent tool for understanding land and water relationships.	Nov 2, 2010 5:10 PM
9	Some layers are here but not in swims	Nov 2, 2010 6:06 PM
10	Its a bit complicated to learn as is...	Nov 2, 2010 9:44 PM
11	I chose to say "No" although that comes with the following caveat: While I do recommend it use of the SWDV, I find it to be a cumbersome, slow tool that partiallly meets my needs. I wish there were an alternative that was quicker, and easier to navigate from water body to water body.	Nov 3, 2010 7:28 PM
12	Sometimes. But if they aren't familiar with how to use it sometimes it's hard to explain over the phone how to find something.	Nov 8, 2010 11:15 PM
13	Anyone I know here at the DNR usually knows more on how to use the SWDV than I do. they recommend it to me!	Nov 15, 2010 4:24 PM
14	There is no other resource that I am aware of, so it's been a necessary evil to use it. I've found it be very fussy and difficult to use.	Nov 17, 2010 8:57 PM

3. How did you become aware of (and become trained in using) the SWDV

Other (please specify)		
1	It has been integrated into other systems	Nov 1, 2010 8:46 PM
2	Just figured things out	Nov 1, 2010 8:48 PM
3	do not remember	Nov 1, 2010 8:50 PM
4	It was brought to our attention at a Statewide meeting several years ago.	Nov 1, 2010 8:52 PM
5	colleague trained	Nov 1, 2010 8:53 PM

3. How did you become aware of (and become trained in using) the SWDV

Other (please specify)		
6	Lisa, I like your training and wish you did more.	Nov 1, 2010 9:02 PM
7	Largely self-taught	Nov 1, 2010 9:15 PM
8	trial and error	Nov 1, 2010 9:17 PM
9	Water Reg. told us to use it for designated waters searches.	Nov 1, 2010 9:20 PM
10	can't remember how I got started. Mostly just try things	Nov 1, 2010 9:26 PM
11	Self taught	Nov 1, 2010 9:30 PM
12	do not remember	Nov 1, 2010 9:30 PM
13	I don't recall. I've always just used it	Nov 1, 2010 9:49 PM
14	Trial and error	Nov 2, 2010 10:51 AM
15	Trial and error	Nov 2, 2010 11:29 AM
16	trained while working as an LTE	Nov 2, 2010 11:55 AM
17	One of the most popular Web mapping app's	Nov 2, 2010 12:03 PM
18	trained self	Nov 2, 2010 1:12 PM
19	self taught	Nov 2, 2010 1:58 PM
20	Bureau Water Regs. staff & Water Regs. Expert emailed us information about the webpage. Originally used the webpage to determine if a site is designated as an ASNRI - Areas of Special Natural Resource Interest	Nov 2, 2010 2:05 PM
21	Discovered it and taught myself with some advice from experienced users in Central Office.	Nov 2, 2010 2:38 PM
22	I create and supply the Wisconsin Wetland Inventory data for the viewer.	Nov 2, 2010 2:47 PM
23	work in CO so I'm aware of the development, use, training, etc.	Nov 2, 2010 3:14 PM
24	Don't remember	Nov 2, 2010 3:59 PM
25	I do not recall any training but I intuitively figured out how to use it.	Nov 2, 2010 4:18 PM
26	Self	Nov 2, 2010 5:19 PM
27	I created the first draft of the application. :)	Nov 2, 2010 5:34 PM
28	Figured it out myself	Nov 2, 2010 5:50 PM
29	I can't remember, I mix it up with swims, and frankly find the two confusing - why are there 2 mapping apps instead of just one?	Nov 2, 2010 6:06 PM
30	Don't recall. Maybe a presentation by Lisa at a meeting? Or maybe through Ann Schachte or Mike Torrance?	Nov 3, 2010 3:20 PM
31	I used the program frequently has a DOT intern	Nov 3, 2010 4:48 PM
32	Trained my self	Nov 3, 2010 5:28 PM
33	I believe I learned about the site during a statewide meeting, and haven't been trained (self-taught).	Nov 5, 2010 3:13 PM
34	Involved in initial development	Nov 13, 2010 6:05 PM
35	It was recommended to me by colleagues and I learned how to use it by either previous knowledge of mapping programs or someone showed me.	Nov 15, 2010 4:24 PM
36	self taught....	Nov 18, 2010 2:46 PM

5. Do you have any suggestions for improving this software?

Response Text		
1	Please see the Waukesha County GIS site for suggestions. I use that site primarily for locations in the county, then match it with our swdv.	Nov 1, 2010 8:48 PM

5. Do you have any suggestions for improving this software?

	Response Text	
2	Would like to see ALL layers from water and lands combined and available in one website.	Nov 1, 2010 8:49 PM
3	Locate by street address. Our applicants give us their street address and their waterbody and county. If we are lucky we get PLSS info. So for the most part we are going to google or bing to find the exact street address location, then going to the SWDV and locating by waterbody and county and then visiallu zooming to the part of the lake or river that bing/google told us where the street is	Nov 1, 2010 8:50 PM
4	easey, canned directions to send to public. email me for an example, gordon.stinson@wisconsin.gov	Nov 1, 2010 8:53 PM
5	A bit more time before timing out	Nov 1, 2010 8:53 PM
6	Being able to derive stream gradient would be very useful.	Nov 1, 2010 8:54 PM
7	Include waterway name on all waterways at the section level.	Nov 1, 2010 8:56 PM
8	Allow more than 1 buffers around placed data points.	Nov 1, 2010 8:56 PM
9	Improve waterbody search capabilities.	Nov 1, 2010 8:56 PM
10	Not that I can think of right now.	Nov 1, 2010 8:57 PM
11	Incorporate all the layers that are available to the public through webmapping	Nov 1, 2010 8:57 PM
12	It would be nice if the boat launches and public accesses could be added to the SWDV.	Nov 1, 2010 9:00 PM
13	Need better and more recent arial photos	Nov 1, 2010 9:03 PM
14	Give the users the ability to locate a site by the street address, because many permittees don't supply the map coordinates in the permit applications.	Nov 1, 2010 9:05 PM
15	Any and all information available is helpful when assessing sites for permit coverage.	Nov 1, 2010 9:05 PM
16	Giving more options to labels so it is more similar to GIS	Nov 1, 2010 9:13 PM
17	Enable me to set preferences so my favorite layers will be displayed when I start the SWDV (this would be a real time-saver!). Remove or greatly reduce decorative graphics and other non-functional elements so more screen space is available for the map display.	Nov 1, 2010 9:15 PM
18	No, but you did not have 'wastewater engineer' or 'basin engineer' for 7.	Nov 1, 2010 9:17 PM
19	Frustrating that I couldn't get imagery on intranet and nobody told me you had to go to internet to get it. Many things need tweaking.	Nov 1, 2010 9:17 PM
20	Integrating a better topo layer. The USGS topo overlay is too large of a scale to be useful for determining drainage patterns on smaller project boundaries (construction sites). Add a "rain drop" tool to the tool options that would allow a user to click on a point and the flow path to the closest surface water/internally drained area would be mapped. Similar interface to the watershed delineator.	Nov 1, 2010 9:18 PM
21	I would like to create better maps. What I see on the screeen is not what gets printed and you can't save the map other than as a pdf.	Nov 1, 2010 9:26 PM
22	Ability to import GPS tracks and waypoints to create user generated layers, shapefiles	Nov 1, 2010 9:30 PM
23	need clearer aerial photos that can be zoomed into	Nov 1, 2010 9:30 PM
24	More up-to date water resource information	Nov 1, 2010 9:33 PM
25	I'm wondering if it would be possible to allow the application to help determine stream mileage. I'm getting a lot of request to tell people what river mile certain locations are upstream from the mouth. I can do it with the ELT for them, but it would be good if others could access this type of tool/information.	Nov 1, 2010 9:49 PM
26	give multiple years of image maps some counties go as far back as the 1930's	Nov 2, 2010 10:51 AM
27	For the companion R&R BRRTS maps, scroll the latitude and longitude at the bottom of screen, when using "Advanced Tools" and "Identify" as the WTVviewer does.	Nov 2, 2010 11:29 AM

5. Do you have any suggestions for improving this software?

	Response Text	
28	I'd put the explanation about "Why are we asking you to take this survey" at the top of the entry page.	Nov 2, 2010 12:03 PM
29	Rather than trying to make the watershed viewer do everything for everybody, consider multiple versions for different aspects of the program. For example create a monitoring package that allows users to quickly visualize where for a data particular parameter exists in SWIMS.	Nov 2, 2010 12:52 PM
30	I use the measuring tools a lot. I would like to see a feature that lets you set a radius from a point. For example, I would like to pinpoint a spot and tell it to give me a set radius around that point and it would draw a circle at that set radius.	Nov 2, 2010 1:12 PM
31	The help website is very helpful IF the user takes the time to read it. I get way to many calls asking for assistance when what they are asking help with is spelled out very explicitly on teh help pages.	Nov 2, 2010 2:04 PM
32	It would be nice to have the wetland layer for Vilas County downloaded to the webpage.	Nov 2, 2010 2:05 PM
33	Add NR 216 permits as a layer, most location data is in STORM	Nov 2, 2010 2:26 PM
34	Improve locator tool for floodplain studies. Doesn't always work (if on connector lines?). Make display larger. Make map more consistent (layer display, labels, etc) with SWDV. In locator tool and SWDV, turn off open water polys for default (or make semi transparent). This very often covers up what I'm trying to look at.	Nov 2, 2010 2:35 PM
35	Add advanced tool that would measure distance between two points entered as coordinates along stream thread or lake shore without digitizing the line segments.	Nov 2, 2010 2:38 PM
36	make air photo downloads easier please	Nov 2, 2010 3:02 PM
37	don't try to make it do "everything for everyone". Stay focused on its most used functions	Nov 2, 2010 3:14 PM
38	Map creation tools are poor. Hard to create a decent map and add labels. Arc view is much better in this regard. A larger view of the aerial is needed instead of a small portion of the screen	Nov 2, 2010 3:23 PM
39	generate TSR location by clicking on map	Nov 2, 2010 3:37 PM
40	1. Take municipal corporate limits off the initial imagery - very rarely used & have to turn it off view other info. 2. Should start in full screen. 3. For those counties/municipalities that would agree, include their detailed elevation (mass points or 2'? contours).	Nov 2, 2010 3:59 PM
41	no	Nov 2, 2010 4:24 PM
42	Designated waters layer, & "links to designation features" (using "Identify") - not specific enough to be useful. You get a long list of alternative reasons the specific waterbody may be a designated water, but no way to know what specific reason the WB is identified.	Nov 2, 2010 5:10 PM
43	Decimal Degrees for GPS readings or the ability to switch.	Nov 2, 2010 5:20 PM
44	When printing a map, have the printed map come out on the same scale as the map on the PC screen.	Nov 2, 2010 5:22 PM
45	Leaf off aerial photos would be best for my fisheries work. Douglas and Bayfield county have excellent ones. Wish I could use them on this site.	Nov 2, 2010 5:50 PM
46	Integrate coverages in border waters of the state like the Mississippi River-- currently not integrated and a different map datum is my understanding.	Nov 2, 2010 6:15 PM
47	I think the ability to create and print maps could be made more functional, and easier overall. It has been a few months since I tried to make maps, but I remember it being clumsy, and somewhat frustrating, so I tried other options like Terrain Navigator or ArcView. I think webviewer could be made to be better than those though, or at least equal, and easier to use.	Nov 2, 2010 6:21 PM
48	Turn off the city and village layer, that is the first layer I turn off as soon as I start using the SWDV, because it makes for a hazy layer over the aerial photos.	Nov 2, 2010 6:49 PM
49	Make it easier to access survey site information from the map	Nov 2, 2010 8:16 PM

5. Do you have any suggestions for improving this software?

	Response Text	
50	It always seems cumbersome to grab & move the maps left & right, or zoom in and out, one screen at a time, because it goes so slowly. If there is some way to make that quicker, it would boost my satisfaction with using the SWDV by a lot. But, even with that issue, it is still a good tool!	Nov 2, 2010 9:27 PM
51	More annual training.	Nov 2, 2010 10:08 PM
52	A few additional application layers that would be beneficial for internal users would be to link with the NHI inventory and also incorporate historical and archeological site location information. These are screening requirements under the Waterways protection program and having the ability to screen these using the same data server would be a time saving tool.	Nov 3, 2010 12:03 PM
53	when making maps for work purposes, develop the program to allow for better labeling of features and to be able to drop the gps coords. on the map. The ability to delineate areas and still be able to view the contents would also be nice.	Nov 3, 2010 1:08 PM
54	Need faster response times	Nov 3, 2010 2:33 PM
55	I prefer to not have the base topo maps and aerial photos show up when first opening it. Takes longer to load and covers screen too much, so I generally shut those off right away. It'd be great to have layers that show volunteer lakes and stream monitoring sites.	Nov 3, 2010 3:20 PM
56	Have older aerial photos as well as the latest ones. I am suggesting photos from the 50's, 60's & 70's, maybe (1) photo from each year for each entire county.	Nov 3, 2010 5:28 PM
57	I'm not a tech-literate person, but I find the SWDV to be clunky and slow. Also, I find that there is a lot of jargon behind a lot of the layers that does not make it easy to find the information I'm routinely searching for. Maybe I'm just old-school and have to learn how to be more tech-literate.	Nov 3, 2010 7:28 PM
58	Improve stream mileage measurement and drainage measurement tools.	Nov 3, 2010 8:05 PM
59	Would be useful to be able to calculate Sinuosity and Gradient using SWDV.	Nov 3, 2010 9:08 PM
60	make a layer that can be used for arch/historical hits to send to Mark Dudzik electronically.	Nov 4, 2010 12:43 PM
61	I am unsure how--or if it's possible--to integrate the SWDV with GIS. I'd like to be able to download layers directly from SWDV into GIS so that I can repeatedly use maps that I've created. There's probably a way to do this, but it should be more apparent.	Nov 4, 2010 2:20 PM
62	Mark-up tool, polygon tools and the eraser tools for map making should be more user friendly.	Nov 5, 2010 3:27 PM
63	More layers - PSC has layers available for transmission lines and pipelines. The NHI database has the transmission lines, but not pipelines. I'd like both layers on the SWDV	Nov 5, 2010 3:38 PM
64	Provide a way for each user to create a setting /save for the layers they commonly use - so a user doesn't have to go through the layer selection process each time.	Nov 8, 2010 3:53 PM
65	Often have difficulties printing when trying to print a layer which requires the user to be zoomed in to the map to a certain extent. For instance, I'll zoom in and select a layer but when I try to save this as a PDF or print the map with the layer "on" the layer disappears.	Nov 8, 2010 7:49 PM
66	The easier to use, and more intuitive, the better.	Nov 8, 2010 11:15 PM
67	When you do a search in the "find location tab" under body of water & county, you must type in the county where the mouth of the creek/stream begins. If you put in another county where the stream is located but not where the mouth is, you will receive a response, " no results?, search again". Until a few days ago when I learned this, I just figured that tab was broken in the system. I now just put "any county" because most times I am not sure where the mouth of the stream or river is. That is confusing for many others as well.	Nov 9, 2010 3:17 PM
68	some times the links to the data are cryptic....if the data underlying a layer can be made more easily visible ..??/	Nov 9, 2010 7:36 PM

5. Do you have any suggestions for improving this software?

Response Text		
69	<p>Adding layers for fishing regulations on lakes and streams would be a nice addition for both intradepartmental and public use.</p> <p>I use the measurement tool frequently for tracking lengths on streams, but the problem I run into is not having the measurement until I click to finish a segment. Is there anyway to alter the measurement tool to show the length being measured without or before clicking to finish the segment?</p>	Nov 10, 2010 5:57 PM
70	<p>Try to get 2-ft contour interval topo maps where available. Do something different with the shading for the municipalities - I typically need to turn this layer off to see the air photos clearly.</p>	Nov 11, 2010 3:54 PM
71	<p>integrate DNR managed lands coverage</p>	Nov 15, 2010 4:08 PM
72	<p>Yes! Please allow input of GPS lat/long coordinates to pinpoint a location!</p>	Dec 2, 2010 5:37 PM

1. Any final comments?

Response Text		
1	<p>Only that I would like to see both lands and water layers combined. Currently, I have to locate streams using waters mapping tool and look up easements and fee land on the lands mapping tool. If there was some way to combine them in the layers, it would become more useful to me.</p>	Nov 1, 2010 8:51 PM
2	<p>Keep up the good work!</p>	Nov 1, 2010 8:53 PM
3	<p>It's probably the best tool I have and I don't think I'd be able to do the job without it. I would like to see contour lines added as a layer.</p>	Nov 1, 2010 8:54 PM
4	<p>The Surface Water Data Viewer has been an invaluable asset to me and my job duties. It has basically replaced my need for a GIS Software.</p>	Nov 1, 2010 8:54 PM
5	<p>It would be nice if the boat launches and public accesses could be added to the SWDV.</p>	Nov 1, 2010 9:00 PM
6	<p>Keep up the really good work.</p>	Nov 1, 2010 9:03 PM
7	<p>Update the aerial photos more often. Use higher resolution aerial photos than are available now.</p>	Nov 1, 2010 9:06 PM
8	<p>This is a very helpful tool!! Thank you for updating and making the SWDV even better!</p>	Nov 1, 2010 9:06 PM
9	<p>Again making it as similar to GIS as possible especially when it comes to saving documents.</p>	Nov 1, 2010 9:14 PM
10	<p>Oh, one more suggestion. Don't have the SWDV time out after such a brief interval. Actually I would like if I could stay logged in to it all day.</p>	Nov 1, 2010 9:16 PM
11	<p>Integrate info from DNR Webview, better advanced tools to measure areas, better search tools for waterways, cities, etc., easier mapping tools needed, update site permit info, better DEM!, probably much more.....</p>	Nov 1, 2010 9:21 PM
12	<p>Keep up the good work and site. Craig</p>	Nov 1, 2010 9:27 PM
13	<p>clearer, more useable aerial photos on a smaller scale would greatly improve the use of this product for my daily work, right now I have to use several other web sites for aerial photo interpretation</p>	Nov 1, 2010 9:31 PM
14	<p>Top Notch, use it ALL the time!</p>	Nov 1, 2010 9:34 PM
15	<p>Thanks for providing this service</p>	Nov 1, 2010 10:20 PM
16	<p>Make the printed "Identify" data (on left of screen) easily exportable to Word, or "Save As", or even Excel, so one does not need to copy to a Word Document to save and store.</p>	Nov 2, 2010 11:31 AM

1. Any final comments?

	Response Text	
17	This survey is a great idea. It worked without a hitch, too. Nice job integrating it into the data frame.	Nov 2, 2010 12:04 PM
18	It is a very useful tool but soemwhat hard for a cybersaur to decifer and navigate.	Nov 2, 2010 1:56 PM
19	You might put a link for SWDV in "DNR Tools" on the home page.	Nov 2, 2010 1:57 PM
20	A have link on the swdv site that takes you to a listing of links to the county mapping sites. Their sites often have parcel mapping/landowner ID etc which DNR's lacks.	Nov 2, 2010 2:02 PM
21	Great product and easy to use:)	Nov 2, 2010 2:06 PM
22	Thanks for asking	Nov 2, 2010 2:38 PM
23	I only used for a limited time for a specific purpose.	Nov 2, 2010 2:54 PM
24	Training options?	Nov 2, 2010 3:55 PM
25	Wetlands layer is needed for all counties, especially Forest and Florence Counties in Northern Region.	Nov 2, 2010 4:00 PM
26	A pretty useful tool.	Nov 2, 2010 4:19 PM
27	nope	Nov 2, 2010 4:24 PM
28	I would like to see the program layers divided into separate image services.	Nov 2, 2010 5:36 PM
29	Thank you for an already great product.	Nov 2, 2010 6:21 PM
30	If possible make available all the layers, information, and tools that currently exist	Nov 2, 2010 7:53 PM
31	I wasn't even aware of the advanced tools until I took this survey, and have never used the basic or advanced select tools. So there seems to be a lot on there I don't know about; I'm not sure if these would be helpful in my work.	Nov 2, 2010 9:27 PM
32	Extremely valuable tool.	Nov 3, 2010 2:33 PM
33	It's a great thing to ask for this kind of feedback. It's never easy to digest, but know that your effort is truly appreciated.	Nov 3, 2010 7:28 PM
34	A very useful tool	Nov 3, 2010 8:06 PM
35	not sure what this is...never been exposed	Nov 4, 2010 1:47 PM
36	A better link or explanation on why a water is designated ASNRI when it is an NHI hit. Ensure that ASNRI waters are delineated correctly.	Nov 5, 2010 3:29 PM
37	Thanks for this tool.	Nov 5, 2010 3:38 PM
38	I love the layers...I would like to know what these letter-coded wetlands designations mean.	Nov 5, 2010 6:59 PM
39	It would be great if we could have a layer for citizen monitored lake and stream sites.	Nov 7, 2010 1:15 AM
40	Seems like DNR & DATCP should be doing more to relate (consider / protect) impaired waters (& exceptional & outstanding waters) to large livestock operation WPDES permitting & initial siting (DATCP).	Nov 8, 2010 3:56 PM
41	Useful tool	Nov 8, 2010 7:49 PM
42	this is HUGE tool ...whattheheck did we do before ? I can't believe it is used so patch-ily (?) ...some colleagues cruise through it, others are like "duh"are water leaders making training a part of perf eval's ? are flagship type applications being touted so others can see how good this tool is ?	Nov 9, 2010 7:39 PM
43	Wirhout this product will be backj to using printed topographic/orthophoto maps, which is extremely time consuming. Without a link for the public to download floodplain and dam files, the public will start asking this offic eto provide the information. This would literally consume almsot 20% of time available to perform actual work.	Nov 15, 2010 1:20 PM
44	Somehow make available all the coverages for lands and waters available together. I use this to access water through DNR managed lands. Would like to have it all available in one place.	Nov 15, 2010 4:09 PM
45	The SWDV has become essential to my work.	Nov 23, 2010 10:01 PM

1. Any final comments?

Response Text		
46	It's a very useful tool!	Nov 24, 2010 9:05 PM
47	Great tool! Who needs ArcView when you have the SWDV?	Dec 2, 2010 5:37 PM
48	<p>There needs to be more species listed under the Aquatic Invasive Species header. Important ones that come to mind include: quagga mussel, new zealand mudsnail, water lettuce, VHS, heterosporis, faucet snails, red swamp crayfish, water hyacinth, ruffe, round goby, yellow floating heart, brittle water nymph, phragmites, japanese knotweed, flowering rush, purple loosestrife.</p> <p>*GLIFWC has a nice Viewer with Invasive Species separated into Terrestrial and Aquatic Headers. Maybe we can use their Viewer as an example.</p>	Dec 3, 2010 6:28 PM