

June 3, 2016

2110268

Mr. Jason Berndt
Michigan Department of Environmental Quality
Resource Management Division
Community Drinking Water Unit
P.O. Box 30241
Lansing, MI 48909-7741

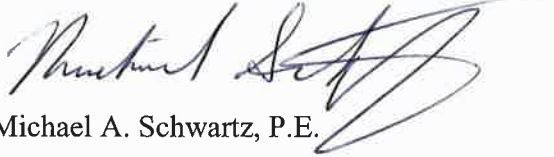
RE: Village of Vicksburg, Kalamazoo County, MI,
Wellhead Protection Grant, Quarterly Progress Report

Dear Mr. Berndt:

On behalf of the Village of Vicksburg, we are submitting the Progress Report for the third quarter. The quarterly report form and minutes are attached. Please contact me if you have any questions or need additional information.

Sincerely,

Prein&Newhof



Michael A. Schwartz, P.E.

MAS:ms

Enclosures: Progress Report
Minutes
Agenda (June 2, 2016)

cc: Theresa Paddock, Village of Vicksburg (via email)

Village of Vicksburg
WELLHEAD PROTECTION PROGRAM
Team Meeting – June 2, 2016 (Quarter 3)

MINUTES

1. Wellhead Protection Team – Attendance and Team Members

Name	Organization	Email
Michael Schwartz	Prein&Newhof	mschwartz@preinnewhof.com
Ken Schippers	Village of Vicksburg - Manager	kschippers@vicksburgmi.org
Jim Mallery	Village of Vicksburg	jmallery@vicksburgmi.org
Bill Brumleve	Public Citizen	billbrumleve@hotmail.com
Michael Tichvon	Angels Crossing Golf , Village	Tichvon12@hotmail.com
Dirk VanKrimpen	Sunset Association	Cobra1550@att.net
Steve Goss	Vicksburg Community Schools	sgoss@vicksburgschools.org
Jeff Reicherts	Kalamazoo County Health Department	JDREIC@kalcounty.com
Thomas Fevig	Bridge Organics	thomasfevig@aol.com

Mr. Schwartz welcomed everyone to the meeting. Sign-in sheet was passed around for signatures along with an agenda (copy enclosed).

2. Grant Status

- Grant cycle (FY 2016) – purchased items – The committee discussed items to help with public education to make events easier.
 - 10'x10' Logo Canopy, 8' Plastic Foldup Table, 2 folding chairs and 2 easels. Canopy has arrived. Other items will be purchased by Ken at the Village. Discussion about what the banners will say. Will be a white banner with red letters, 8'x2'. Ken will work with Barts Signs for banner options and look.
- Article
 - Spring – Household Hazardous waste was published (copy attached)
 - Fall – Topic to be determined
- 2016-2017 Grant
 - Sign Forms – Forms were signed. Jim Mallery will obtain signatures of missing participants
 - Major section update – Contaminated source inventory

3. **Public Education and Participation**

- 2016 Block Party / Art Hop – Date is **June 25th**. (This is not the 18th as original noted) Table will be up from 3:30 to 6:00 (event runs from 3:30 to 11:00 pm). Mike to call Jamie with date change. The Rain Barrel Road show is expected to participate in this event.
- 2016 VCS Tailgate (fall) - This event will be September 9th from 4:00 to 6:00. This would be coordinated with Tonya at VCS. Steve Goss will help register a spot in the event. Cost is expected to be approximately \$100.00
- Inform and involve community about wellhead protection – Newsletter Document (1) – topic of Household Hazardous waste was used (copy attached)
- Inform and involve community about wellhead protection – Newsletter Document (2) – no topic was discussed.
- Vicksburg Community Schools involvement (Red & White publication) - VCS intend to publish an article this year again.
- Sunset Association Meeting – June 15 – Literature to be distributed is Boat Maintenance and Septic System Maintenance. Dirk will take to the meeting. (Copy of Information attached)

4. **Next Meeting – All meetings at 11:45 am**

- Thursday September 1, 2016 (Quarter 4)
- Thursday December 1, 2016 (Quarter 1)

ACTION ITEMS

- Ken Schippers will purchase - 8' Plastic Foldup Table, 2 folding chairs, 2 easels
- Ken Schippers will work with Barts Signs on Banners
- Mike Schwartz to notify Jamie of Date change for Block Party
- Mike Schwartz to send notices to committee to request volunteers for June 25th Event
- Dirk VanKrimpen to attend Sunset Lake Home Owners meeting.
- Jim Mallery to obtain signatures of missing participants for Grant Application

Village of Vicksburg
WELLHEAD PROTECTION PROGRAM
June 2, 2016 (Quarter 3)

AGENDA

1. Wellhead Protection Team – Introductions

- Circulate Sign-In Sheet

2. Grant Status

- Grant cycle (FY 2016) – purchase items
 - 10'x10' Logo Canopy
 - 6' Plastic Foldup Table
 - 2 folding chairs
 - 2 easels
 - Banners
- Article in South County News
 - Spring - HHW
 - Fall - ???
- 2016-2017 Grant
 - Sign Forms
 - Major section update – Contaminated source inventory

3. Public Education and Participation

- Upcoming Public Education Opportunities – 2016 Block Party / Art Hop – Date June 18
- Upcoming Public Education Opportunities – 2016 VCS Tailgate (fall) – Date?
- Inform and involve community about wellhead protection – Newsletter Document (1)
- Inform and involve community about wellhead protection – Newsletter Document (2)
- Vicksburg Community Schools involvement (Red & White publication)
- Sunset Association Meeting – June 15th

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Wellhead Protection Grant Program

Quarterly Team Meeting Progress Report


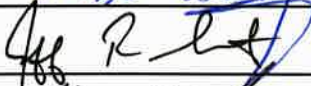



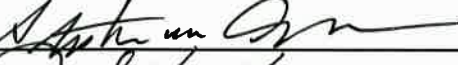


A Quarterly Team Meeting Progress Report must be submitted once each quarter during the agreement period. To complete the report, list the activities from Table 2: Grant Assistance Tabulation that were in progress during the quarter for which you are submitting the report. Enter the completion date or the anticipated completion date of those activities as well as any comments that are relevant to the completion date. Please submit report to MDEQ.

Community: Village of Vicksburg

Date: 06/02/2016

Activity From Table 2 (located in the agreement)	Anticipated Completion Date	Comments
Promotional items	09/30/2016	Will purchase throughout the year. Receipts for items.
Consulting	09/30/2016	Quarterly reports, minutes of meetings, copies of public information developed, and list of public education activities conducted throughout the year
Public Education (Consulting Services)	09/30/2016	Copies of public information developed, and list of public education activities conducted throughout the year.

Team Member Signatures:

Printed Name:

Michael Schmitt
Jeff Reicherts
Michael Tichon
James Malloy
Bill Brumleve
Steve Goss
Dick VanKrimpen
Jan Schippers

Michigan Department of Environmental Quality
Resource Management Division
Community Drinking Water Unit
Attention: Jason Berndt
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Wellhead Protection Grant Program

Quarterly Team Meeting Progress Report

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Team Member Signatures:

Thomas L. Fevig

Printed Name:

THOMAS L. FEVIG

Michigan Department of Environmental Quality
Resource Management Division
Community Drinking Water Unit
Attention: Jason Berndt
P.O. Box 30241
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Rain Barrel Roadshow 2014 Artist Entries



Rain Barrel Roadshow

In Spring of 2014, we launched the Rain Barrel Roadshow Art Contest with the help of Kalamazoo College and the Kalamazoo Valley Community College. The artists were asked to create a poster that conveyed the importance of water conservation and protection. In total, 100 posters were submitted and the winners were selected. The winners' posters will be on display at the Rain Barrel Roadshow and will be used to promote water conservation and protection. Here are the artists who previously donated their posters to the Rain Barrel Roadshow and the important cause. A special thank you to the College instructors involved in the contest and all the artists who donated their posters. We are proud to have a Rain Barrel Roadshow poster by a Kalamazoo College student.

Kalamazoo Valley Community College



generously provided by the Beim Foundation

- Calhoun County Water Resources Commissioner
- City of Battle Creek
- Kalamazoo County Stormwater Partners
- Kalamazoo Master Gardeners
- Kalamazoo Valley Museum
- Washington Square, Kalamazoo Co Land Bank





#6

Industrial Wave
Kathryn Post

This artwork is a collaboration between the artist and the community. It was created as part of a public art project in the downtown area. The artwork is a large-scale mural that covers the side of the building. It features a large, stylized wave that is painted in a variety of colors, including blue, white, and black. The wave is depicted in a way that suggests it is crashing against the building. The overall effect is one of dynamic energy and movement.

RAIN BARREL ROADSHOW

Ideas on how to get the public involved and interested!

- **Actively work the crowd...**

"Would you like to vote on your favorite rain barrel design?" OR

"We need your help – all you have to do is vote on your favorite rain barrel design."

Suggestion: It works best to stand out front of the display where public walks by the booth and ask passersby if they want to vote. Be sure to hand them a voting ballot.

- **Explain the contest...**

"We have artwork on display from six local college student finalists. They were asked to design a rain barrel art piece that inspires us to protect our water. The design that gets the most votes at the end of the summer will be recognized as our competition winner."

Suggestion: Let them know the artwork title, description, and artist name along with voting # is on each barrel.

- **Make sure they know what a rain barrel is...**

"Do you know what a rain barrel is? It's really a simple idea: a container that's set up to collect rain water from our roofs. The rain water can be used to water the lawn or garden between rain storms. It helps conserve water and protect our local streams and lakes."

Suggestion: Point them to the table with sale information and order forms.

Be sure people know about our rain barrel sale!

Sale Details

- PRICE: \$56.50 each
- You must pre-order either online or by mail
- Go to KalamazooRiver.org for all of the ordering information
- This year there is an option to pick up your order from **Kalamazoo** OR **Battle Creek** (and separate order forms are required!)
- Kzoo – orders must be received by June 5; ready for pick up June 9 (@ WMU Community Garden)
- BC – order must be received by June 12; ready for pick up June 18 (@ BC Dept. Public Works Bldg.)
- Note: when using mail-in order form there is slight discount (*no online credit card processing fee*)

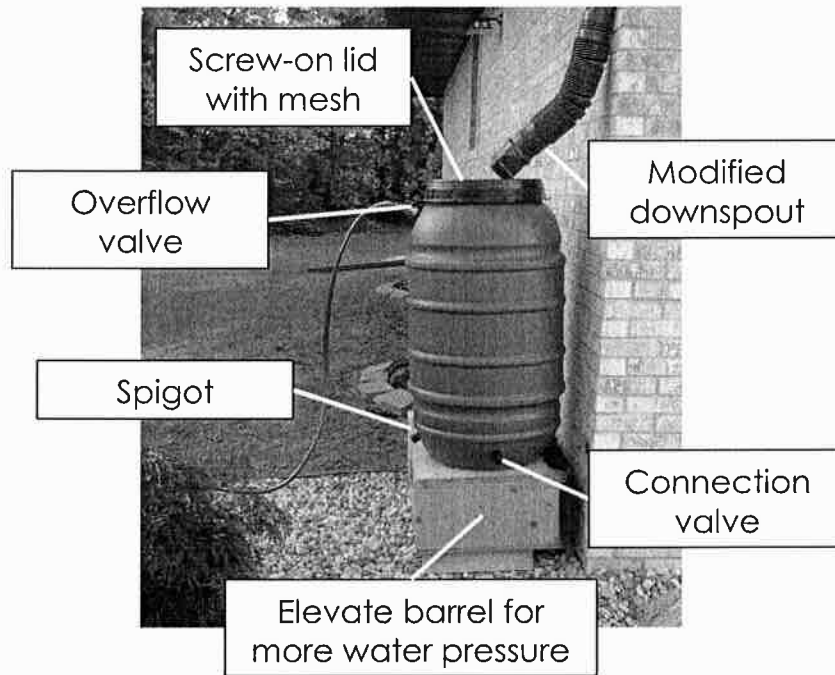
Rain Barrel FAQs

- 55-gallon size, "recycled" food-grade barrels (made of High Density Polyethylene plastic) fully assembled in your choice of 4 colors:

BLACK | GREY | BLUE | TERRA COTTA

(colorant is part of plastic, color is NOT painted on the barrel)

- The student artwork was done on barrels from our sale (i.e., good example of what customers will get)
- Features on the barrel include:
 - Spigot @ bottom
 - Overflow valve @ top
 - Connector valve @ bottom, to connect multiple barrels (adds more water capacity)
 - Screw-on top w/ mesh screen to stop insects, leaves, or critters from getting in barrel



Rain Barrel FAQs

Why is there a screen in the lid?

The screen is to keep mosquitoes and other pests out while letting the water flow freely into the barrel.

Do I need to remove the fittings for winter?

You do not need to remove the fittings for winter. We use plastic fittings because brass and steel do not interface well with plastic barrels. These items expand and contract at a different rate, which is the major cause of other manufacturer's barrels leaking in a short period of time. The only thing you need to do to prepare for the winter season is to drain all the water out of them, remove the linking fitting cap, and open the spigot.

Are your barrels new?

These are USED barrels. They will have some scuff marks and scratches from shipping and handling. I inspect, clean, and modify each barrel. There are no significant scuffs or scratches which would harm the structural integrity of the barrel and lead to any leakage. The spigot is installed on the nicer looking face.

How are the lids held onto the barrel?

The lids screw on and hold the cap in place in some models. In others, the lids and screen are held on with a galvanized (won't rust) lock ring.

Why are there so many holes in the lids?

We install multiple holes in the cap for best collection of water.

Do you paint your barrels?

These barrels are not painted. We offer a very inexpensive and no frills Rain Barrel. If you want to change or enhance the color of your barrel there are two products we recommend. The first is Ace Hardware brand spray paint, and the second is Krylon brand spray paint. Both do an excellent job on plastic and will not peel for years to come.

What kind of spigots and fittings do you use?

We use an acetal plastic spigot for the faucet and poly fittings for the linking and overflow hoses.

Is there any assembly required?

All fittings are shipped inside the barrel and include instructions to install them into the predrilled and threaded holes.

What is the purpose of the linking fitting?

The linking fitting allows the user to connect multiple barrels together for even more free water and the overflow fitting allows the homeowner to direct the additional water away from their home.

How much water pressure does a rain barrel have?

To water from your rain barrel you can use a garden hose, landscape tubing (just drill holes into the tubing near the plant) or drip tubing. You will not be able to run a sprinkler or a soaker hose from the rain barrel. But as long as you are not trying to go up hill you can go any distance from the barrel you need to, water seeks its own level, so it will always be flowing to the lowest level the hose is at. You can water hanging pots with a garden hose, start with the hose on the ground then lift it to the plant, it will have enough pressure to water 2-3 pots. You need to lower the hose to get the pressure back to water additional hanging pots.

Do you have warranties on your rain barrels?

Yes, Upcycle products carry a 1 year warranty on the material and workmanship. The only way this warranty can be voided is if you leave the barrel out during the winter without opening the spigot and linking hose fitting – if the barrel fills with water and freezes the barrel will crack.

What Accessories do I need?

That depends on your specific set up at home. You'll likely need to modify your downspout by cutting it and adding an elbow to direct water into the barrel. An overflow hose is also helpful. Consider buying your barrel and bringing it home before buying accessories. You can pick up any accessories you might need at your local hardware store.



Face to Face Policing for the 21st Century comes to Vicksburg Police Department.

Meet with your Police Department **Monday, April 18th @ 5:30** at the **Vicksburg Public Library, 201 S Main Street**. A presentation reflecting the goals of the department will be offered and residents will have an opportunity to provide future direction of the Police Department.



Credit & Debit Card Payments

Residents may now pay their tax and water / sewer utility bills via credit / debit card either in person at the Village office, by phone, or by internet. *A 3% bank processing fee will be charged. AccessMyGov is a safe, secure software that allows residents to log on at no charge. Residents will be asked to create an account in order to access their records with the Village. Once your account is created, you will have access to all your Village records and may make payments with your credit / debit cards. Visit our web page at <http://www.vicksburgmi.org/about-vicksburg/citizens-guide-local-finances/>. Click on the Financial Dashboard link and follow the prompts to log into your account. For additional information or assistance in setting up your account please call our office at 649-1919 Monday – Friday 9:00 a.m. – 4:00 p.m.



Spring Hydrant Flushing – Saturday May 21st - DPW personnel will flush the hydrants and mains to remove accumulated sediments. While flushing doesn't affect the safety of the water supply, tap water may appear cloudy or discolored immediately after flushing. The Village is advising residents to run their cold

water in their bathtub or utility sink until it runs clear again. Also refrain from using your washing machines the day of flushing and for 24 hours after, since clothing could become discolored. Periodic flushing is necessary to get rid of deposits that form inside the water mains. Over time, sediment builds up on the inside of water distribution pipes, narrowing the path that water can flow through to individual homes and businesses. Flushing stirs up water in the mains and forces water and sediments out. By widening the path that water can flow through the mains, the flushing program will improve water flow, helping the Village to better meet the needs of Public Safety fire personnel. Another goal of the flushing program is to make sure that all water supply systems work, including pumps, storage tanks, mains, valves, and hydrants

Spring Trash Pickup is scheduled for **Saturday, May 21st**. Please have your items at the curb on Saturday morning so the Best Way crews can pick up and dispose.



Spring is Garage Sale Season!

Be sure to obtain your garage sale permit thru the Village Office.

Residents may hold one sale for no more than 3 days.



A CITIZEN'S GUIDE TO HOUSEHOLD HAZARDOUS WASTE

Cleaning products like aerosols, bathroom and drain cleaners, and car supplies like waxes, starter fluids and repair products are all considered household hazardous wastes. Many ingredients in these products are corrosive or reactive, and if they aren't disposed of properly, they can harm people and contaminate our rivers, lakes and drinking water. Simple alternatives can replace many hazardous substances. If you choose to use commercial products, however, make sure to dispose of them properly!

If you see the words **DANGER**, **CAUTION WARNING** or **TOXIC**, you're probably handling a household hazardous waste.

Tips for handling toxics

Store household hazardous wastes in their original containers, and make sure the labels are readable. Save money and reduce waste by purchasing only what you need and use.

Let solvents and paint thinners set in a closed jar to let dirt and paint settle to the bottom. You can reuse the top portion, and dispose of less waste! Never pour motor oil, paints or chemicals directly down the sink or into a catch basin in the street. Recycle or dispose of them properly. For disposal locations and drop-off dates, call **Kalamazoo County Household Hazardous Waste Center** at (269) 373-5211, (1301 Lamont St) or go to www.earth911.com where you can enter your zip code to local the nearest disposal site.

Non-toxic alternatives - Homemade solutions to prevent pollution

To disinfect, use one-half cup borax or washing soda* dissolved in one gallon hot water.

To clean floors, use 1/4 cup white vinegar, 1/4 cup washing soda* in one gallon warm water.

For glass cleaner, mix one part vinegar to four parts water. Dry windows with newspapers.

To unclog drains, use a plumber snake instead of drain cleaners.

Instead of toilet cleaner, scrub with a toilet brush and baking soda.

To deodorize carpets, sprinkle with baking soda, and vacuum after 30 minutes.

**Be sure to use washing soda (sodium carbonate) in these recipes and not baking soda (sodium bicarbonate).*



Curbside brush pickup

Please stack brush in bundled piles.

Spring leaf Pick up

No loose leaves!

No plastic bags!

Please put leaves

In recyclable yard bags at curb



Spring 2016 Dates to Remember

April 16 th	Capital Campaign Geocaching & Location Mission
April 18 th	Community Meeting on 21 st Century Policing
April 29 th	Last day to pay water bill without penalty
May 3 rd	Election Day
May 20 th	Farmers Market Opening day!!
May 21 st	Hydrant Flushing
May 21 st	Curbside Trash Pickup
May 30 th	Memorial Day Parade

Election Inspectors needed!!

Schoolcraft Township is accepting applications for individuals interested in becoming an election inspector. Interested parties must be 18 years of age and a registered voter in Michigan. Elections for 2016 are May 3, August 2 and November 8. For additional information contact Schoolcraft Township Clerk Virginia Mongreig at 649-1276

A CITIZEN'S GUIDE TO BOAT & AUTO CAR

How we take care of our boats, personal watercrafts, mobile homes, cars and other vehicles greatly influences the health of the area lakes, rivers and streams. You can do your part to prevent pollution at the source by checking up on your marina and following a few simple tips.

Car washing & boat cleaning



- Look for non-toxic and phosphate-free cleansers.
- Use alternative cleaners, such as baking soda and lemon juice. Avoid those with bleach, ammonia, lye or petroleum distillates (*see chart*).

<i>Product</i>	<i>Better Alternative</i>
Bleach	Borax or hydrogen peroxide
Chrome cleaner	Apple cider vinegar to clean, baby oil to polish
Drain cleaner	Boiling water and plunger or plumber's snake
Engine cleaner	Steam clean the engine in a dedicated service area.
Fiberglass stain remover	Baking soda paste, scrub pad, "elbow grease"
Paint stripper	Physically remove old paint without chemical use. Avoid products containing methylene chloride, trichloroethylene, benzene, trichloroethane, xylene or toluene.
Scouring powders	Baking soda and "elbow grease"
Window cleaner	Vinegar and lemon juice mixed in lukewarm water
Wood polish	Olive oil or almond oil for interior wood; use water- or borax-based products.

References: Marine Environmental Education Foundation's National Clean Boating Campaign 2000 Action Kit and Michigan Department of Environmental Quality's "Tips to Protect the Environment"

Fuel and oil



- When fueling, avoid topping off! Remember that fuel expands as it warms up in your tank.
- Store fuel only in approved containers.
- Routinely check for and fix oil and fuel leaks.

Engine care

- Keep boat and car engines properly tuned for efficient fuel consumption and clean exhaust.
- Use a drip pan when doing engine maintenance. Drippings left on the cement get washed into nearby drains and end up in our streams.



Sewage control

- Use onshore restrooms when docked, and encourage everyone to use the facilities before casting off.
- Empty portable toilets *only* at pumpout stations or at home.
- Clean up after your pet to prevent pet waste from washing into storm drains.

Many marinas statewide have pumpouts and allow non-members to use them. Keep sewage out of storm drains and lakes!

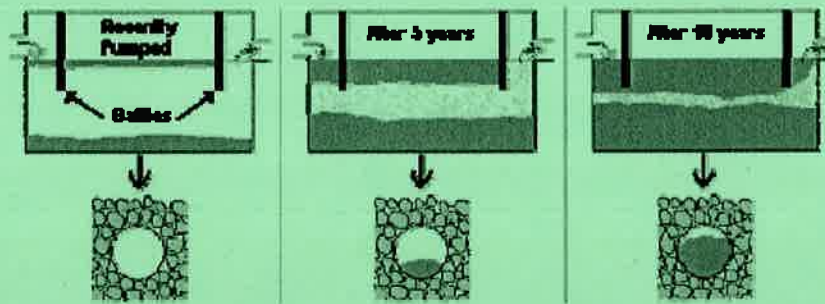
For more information, visit our website: <http://www.vicksburgmi.org/>



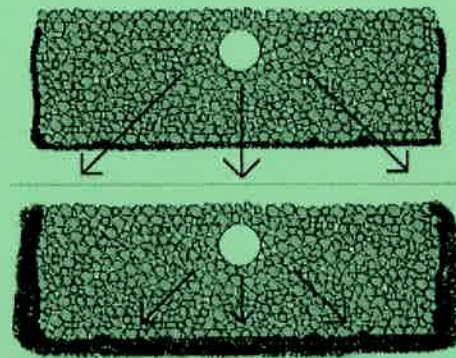
Don't let a good drop go bad!

SEPTIC TANKS – WHY SHOULD I PUMP MY TANK?

The picture below is a side view of a septic tank depicting solids accumulating in the tank through the course of several years. Below the tanks are cross-sections of septic field pipe with blockages forming due to a tank that is not pumped out often enough.



An additional concern with onsite sewage treatment systems is the build up of biomat in the soil. Biomat consists of microorganisms and their waste products. It forms where the absorption system stone and soil contact each other. A small amount of biomat is normal; however, if the wastewater contains excessive amounts of solids, then the organisms in the biomat will feed on the increased amount of nutrients and the layer will thicken. As the biomat thickens, the flow of water out of the absorption area will slow. Eventually the wastewater will surface on the ground. To protect the onsite sewage treatment system against excessive sludge, pump the tank every 2 to 3 years.



Photos and information courtesy of DuPage County Health Department:
http://www.dupagehealth.org/ehs/ws/fs/sds_care.asp