



Missouri Coalition for the Environment
EFFECTIVE CITIZEN ACTION SINCE 1969

**Presentation to Hazelwood School Board
regarding investigation of radioactive materials on
public school properties.**

No RAs or *Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM)* (DOD 2000) Class 1, Class 2, or Class 3 verifications were performed at the Latty Avenue Properties in CY 2017. Verifications are performed to confirm the ROD remediation goals (RGs) were achieved. No characterization/pre-design investigation (PDI) was performed on Latty Avenue in CY 2017.

In CY 2017, RAS were performed at the following SLAPS-related VPs and investigation areas (IAs) (Figure 1-2): Duchesne Park, Palm Drive Properties, and IA-09 Ballfields. RAS at Duchesne Park were performed and completed in the first quarter of 2017. RAS started in the second quarter and completed in the third quarter of 2017. RAS at Palm Drive Properties started in the second quarter and continued through the fourth quarter of 2017. RAS at IA-09 Ballfields started in the second quarter of 2017. All RAS material were shipped from the SLAPS site to the Michigan Department of Environmental Quality for proper disposal.

During CY 2017, MARSSIM Class unit [SU]-3), Palm Drive Properties (verifications were performed at Palm verifications were performed. Verifications achieved.

Characterizations/PDIs were performed on IA-09; VP-40A and VP-56; Pershal Elm Grove Properties); and the Jana S

In CY 2017, no Resource Conservation

In accordance with the Metro 999,126 gallons of excavation water beginning of the project, 31,493,747 NC Sites.

**US Army Corps of Engineers
FUSRAP – St. Louis District
REPORT FOR CALENDAR YEAR 2017**

Characterizations/PDIs were performed at the following SLAPS IAs and VPs in CY 2017: IA-09; VP-40A and VP-56; Pershall Road Properties; Foxmont Drive Properties (formerly Elm Grove Properties); and the Jana School Property.

In CY 2017, no Resource Conservation and Recovery Act (RCRA) hazardous waste was shipped, and no monitoring wells were decommissioned.

In accordance with the Metropolitan St. Louis Sewer District (MSD) authorization letter, 999,126 gallons of excavation water were discharged from the NC Sites in CY 2017. Since the beginning of the project, 31,493,747 gallons have been treated and released to MSD from the NC Sites.

2018: FUSRAP telling parent they would have to pay a potential large price tag to receive information about testing for radioactive bomb waste at their child's school.

On Fri, Mar 2, 2018 at 10:31 AM, Lester, Alana F CIV USARMY CEMVS (US) <Alana.F.Lester@usace.army.mil> wrote:

Hello [REDACTED]

Your email was forwarded to this office for action. However, I cannot process it without your mailing address. Please note that regulations require you to pay fees for document search, document review, and document reproduction. The hourly rate for personnel at a GS-8 level or below is \$20.00 per hour; the hourly rate for personnel at or above GS-9 level is \$44.00 per hour. The minimum charge for office copies (6 images) is \$3.50, and each additional copy costs \$0.15. A copy of a blueprint costs \$2.50 per page, and a paper print of an engineering drawing costs \$1.50 per page. We won't begin work until you've acknowledged this and have agreed to pay any and all fees associated with your request. By law, we have 20 days to process your request once we receive a perfected request (all the information I mentioned above) so please note that you will not receive the information within 48 hours. Please feel free to give me a call or email me if you have any questions.

Alana F. Lester
Senior Paralegal Specialist
FOIA Officer
U.S. Army Corps of Engineers - St. Louis District
Office of Counsel
[1222 Spruce St.](#)
St. Louis, MO 63103
Phone: (314) 331-8193
Fax: (314) 331-8802

2021: FUSRAP telling parent they would have to submit a FOIA to receive information about testing for radioactive bomb waste at their child's school.

ANDREA WALES: This is more on Jana. Since Jana Elementary is a public school, why have details of sampling not already been released to the public? Who are the actors or public officials FUSRAP is communicating with about the public-school property?

PHIL MOSER: That's a good point, so, as far as the data that is coming from that report, it once again goes through that process, and the report is still in production on that, so, once the report is final, that information will be released. As far as the ability for the public to obtain it, if anybody wants to obtain those types of documents, they have to put in a Freedom of Information Act request in order to obtain those types of documents. Those are not automatically put out for the public when it comes to specific property areas. They are given to the property owners for their use and their records. If there are any areas that are specifically wanted to be addressed as far as that information we're putting out, everyone is always more than welcome to put in a Freedom of Information Act request.

ANDREA WALES: Where can we find the surface water data?

PHIL MOSER: Always a great question. We have the opportunity to post that data on our website when we have the opportunity to post those Environmental Monitoring Data and, in short, on our website.

(CONTACT US slide) (1:10:25)

PHIL MOSER: They (EMDARS) date back to those samples – those water samples, those – and, inside that report, we show everything evaluation associated with those samples.

ANDREA WALES: Hanley Road was resurfaced off Patterson Road near the creek. I think it's "clean," through their channels before resurfaced a few years ago, as were roads, creek. Of these roads, which ones did FUSRAP roadwork began?

JON RANKINS: Hanley's outside the ROD to go back and check our records on that. I can now.

UPDATE (not on recording): For the roads of Patterson Road (at the crossing of Daniel's unpaved right of way at the dead end) are v

ANDREA WALES: This is more on Jana. Since Jana Elementary is a public school, why have details of sampling not already been released to the public? Who are the actors or public officials FUSRAP is communicating with about the public-school property?

PHIL MOSER: That's a good point, so, as far as the data that is coming from that report, it once again goes through that process, and the report is still in production on that, so, once the report is final, that information will be released. As far as the ability for the public to obtain it, if anybody wants to obtain those types of documents, they have to put in a Freedom of Information Act request in order to obtain those types of documents.

Those are not automatically put out for the public when it comes to specific property areas. They are given to the property owners for their use and their records. If there are any areas that are specifically wanted to be addressed as far as that information we're putting out, everyone is always more than welcome to put in a Freedom of Information Act request.



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, ST. LOUIS DISTRICT
114 James S. McDonnell Boulevard
Hazelwood, MO 63042-3102

January 27, 2022

REPLY TO:
ATTENTION OF:

Formerly Utilized Sites Remedial Action Program (FUSRAP)

SUBJECT: Status of property located at Jana Elementary 405 Jana Drive Florissant, MO 63031 (CWC-386)

Dr. Nettie Collins-Hart - Superintendent
Hazelwood School District
15955 New Halls Ferry Road
Florissant, MO 63031

Dear Dr. Collins-Hart:

The U.S. Army Corps of Engineers is a program for the North St. Louis County Program (FUSRAP). The sites contain residues as a result of activities associated with the Commission (MED/AEC).

The USACE conducted sampling on property adjacent to CWC. The property results show the presence of low-level contamination on the banks of Coldwater Creek within the property boundary.

The contamination does not pose a current configuration below ground surface areas. If you are planning any work that will provide support for this work.

Attached to this letter is a figure of the contamination was found in the creek bed.

We are happy to meet with you on this property. Due to the COVID-19 conference call.

In order to protect your privacy, the names and addresses of the properties where contamination was found.

If you have any questions or requests, please email STLFRAP@usace.army.mil or call 314-241-1000.

Sincerely,

WADE,JOSEPHINE
A.136495.1600
Date: 2022-01-27 17:13:11 -0500

Jo Anne Wade
FUSRAP North County Project Manager

January 27, 2022

The USACE conducted sampling on Jana School property. The USACE numbered each property adjacent to CWC. The property located at 405 Jana Drive is identified as CWC-386. The results show the presence of low-level radioactive contamination on this property located in the banks of Coldwater Creek within the property boundary.

The contamination does not pose an immediate risk to human health or the environment in its current configuration below ground surface. USACE discourages owners from digging in affected areas. If you are planning any work that would disturb the soil in this area, please notify us. We will provide support for this work.

In order to protect your privacy, the USACE will not announce publicly the property owner names and addresses of the properties where contamination was found.



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, ST. LOUIS DISTRICT
114 James S. McDonnell Boulevard
Hazelwood, MO 63042-3102

REPLY TO
ATTENTION OF:

February 7, 2022

Formerly Utilized Sites Remedial Action Program (FUSRAP)

SUBJECT: Pre-Design Investigation Sampling at:
320 Jana Drive Florissant, MO 63031 (CWC-365)
405 Jana Drive Florissant, MO 63031 (CWC-386)
345 Jana Drive Florissant, MO 63031 (CWC-387)
325 Jana Drive Florissant, MO 63031 (CWC-388)

Dr. Nettie Collins-Hart
Superintendent - Hazelwood School District
15955 New Halls Ferry Road
Florissant, MO 63031

Dear Dr. Collins-Hart:

The U.S. Army Corps of Engineers (USACE) is conducting a cleanup of the North St. Louis County Sites Remedial Action Program (FUSRAP). The sites contain radioactive residues as a result of activities of the District/Atomic Energy Commission (MED/AEC) program in the 1940s and 1950s.

As part of our efforts to locate MED/AEC contaminated soils, the USACE conducted sampling on these properties at:
320 Jana Drive Florissant, MO 63031 (CWC-365)
405 Jana Drive Florissant, MO 63031 (CWC-386)
345 Jana Drive Florissant, MO 63031 (CWC-387)
325 Jana Drive Florissant, MO 63031 (CWC-388)

The preliminary results show that no MED/AEC contamination is present on these properties in accordance with the North St. Louis County Record of Decision.

If you have any questions or require a copy of the Record of Decision, please email STLFUSRAP@usace.army.mil or call 314-744-1111.

Sincerely,

Josephine Wade
FUSRAP Project Manager

February 7, 2022

As part of our efforts to locate MED/AEC contaminated soils, the USACE conducted sampling on these properties at:

320 Jana Drive Florissant, MO 63031 (CWC-365)

405 Jana Drive Florissant, MO 63031 (CWC-386)

345 Jana Drive Florissant, MO 63031 (CWC-387)

325 Jana Drive Florissant, MO 63031 (CWC-388)

The preliminary results show that no MED/AEC contamination is present on these properties in accordance with the North St. Louis County Record of Decision.



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, ST. LOUIS DISTRICT
114 James S. McDonnell Boulevard
Hazelwood, MO 63042-3102

REPLY TO:
ATTENTION OF:

February 14, 2022

RECEIVED
FEB 17 2022
Office of
Superintendent's

Formerly Utilized Sites Remedial Action Program (FUSRAP)

SUBJECT: Pre-Design Investigation Sampling at:
320 Jana Drive Florissant, MO 63031 (CWC-365)
345 Jana Drive Florissant, MO 63031 (CWC-387)
325 Jana Drive Florissant, MO 63031 (CWC-388)

Dr. Nettie Collins-Hart
Superintendent - Hazelwood School District
15955 New Halls Ferry Road
Florissant, MO 63031

Dear Dr. Collins-Hart:

The U.S. Army Corps of Engineers
North St. Louis County Sites under the
The sites contain soils contaminated with
associated with the Manhattan Engineer
early atomic weapons program in the

As part of our efforts to locate MED/AEC
these properties at:
320 Jana Drive Florissant, MO 63031
345 Jana Drive Florissant, MO 63031
325 Jana Drive Florissant, MO 63031

The preliminary results show that no MED/AEC
contamination is present or

If you have any questions or require additional information,
STLFUSRAP@usace.army.mil or call

Josephine Wade
Josephine Wade
FUSRAP Project Manager

February 14, 2022

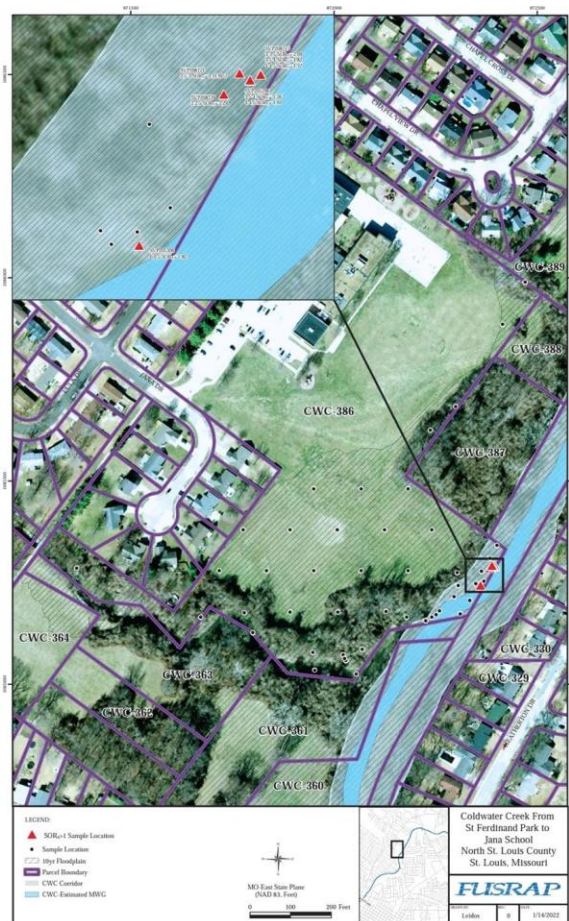
As part of our efforts to locate MED/AEC contaminated soils, the USACE conducted these properties at:

320 Jana Drive Florissant, MO 63031 (CWC-365)

345 Jana Drive Florissant, MO 63031 (CWC-387)

325 Jana Drive Florissant, MO 63031 (CWC-388)

The preliminary results show that no MED/AEC contamination is present or accordance with the North St. Louis County Record of Decision.



Jana School Sample Locations

Map to the left was included in my FOIA request, whereas the Map above was discovered buried in a link in the Q&A transcript from FUSRAP's November 2021 Virtual Open House. Please note the omitted sample results on the map to the left.

DEPARTMENT OF THE ARMY
RIGHT OF ENTRY

Owner: Hazelwood School District.

Parcel Nos. 07G410180,
07G430265

RE: 13780 Old Halls Ferry Rd., Unit A &
13780 Old Halls Ferry Rd., Florissant, MO

See Exhibit "A"

The undersigned, hereinafter called the "Grantor," in consideration of the performance of remedial activities under the Formerly Utilized Sites Remedial Action Program (FUSRAP) by the UNITED STATES OF AMERICA, hereinafter called the "Government," hereby grants to the Government, its agents, employees, representatives, contractors, subcontractors, and assigns, an irrevocable right of entry upon the properties located at the above addresses in St. Louis County, Missouri, and more particularly described on Exhibit "A" attached hereto.

1. This Right of Entry shall include the right to enter the premises for investigations, collecting samples, testing, and monitoring of chemical contamination of soils and groundwater; to install, maintain, and remove monitoring wells; the right to store, move and remove materials, including contaminated soil and backfill, from the premises in any condition; construct, operate, maintain, and remove structures, equipment, treatment and injection wells, and other facilities; and to perform any other work that may be necessary and incident to the performance of the remedial activities under the Program for a period not to exceed five (5) years.

2. This Right of Entry shall be granted to the Government, its agents, employees, representatives, contractors, subcontractors, and assigns, and shall be available to the Government.

3. All tools, equipment, and materials used in the performance of the remedial activities under the Program shall remain the property of the Government at any time within the period of this Right of Entry.

4. The Government shall have the right to enter the premises at any time within the period of this Right of Entry.

5. If any action of the Government results in damage to the real property, the Grantor shall be liable for the damage or make an appropriate settlement exceed the fair market value of the property immediately preceding such damage. The availability of appropriation for the remedial activities shall not be considered as implying that the Government shall be liable for the damage or make an appropriate settlement exceed the fair market value of the property immediately preceding such damage.

Right of Entry to the Learning Place

DEPARTMENT OF THE ARMY
RIGHT OF ENTRY

Owner: Hazelwood School District.

Parcel Nos. 07G410180,
07G430265

RE: 13780 Old Halls Ferry Rd., Unit A &
13780 Old Halls Ferry Rd., Florissant, MO

See Exhibit "A"

DEPARTMENT OF THE ARMY
RIGHT OF ENTRY

Owner: Hazelwood School District
RE: 12900, 12920 & 12930 Lewis and Clark Blvd, Florissant, MO 63034
Parcel Nos: 06E110023, 06E110056 & 06F320201
See Exhibit "A"

The undersigned, hereinafter called the "Grantor," in consideration of the performance of remedial activities under the Formerly Utilized Sites Remedial Action Program (FUSRAP) by the UNITED STATES OF AMERICA, hereinafter called the "Government," hereby grants to the Government, its agents, employees, representatives, contractors, subcontractors, and assigns, an irrevocable right of entry upon the property located at above address in St. Louis County, Missouri, and more particularly described in Exhibit "A" attached hereto, subject to the following terms and conditions:

1. This Right of Entry includes the right to conduct investigations, collecting samples, and testing for chemical contamination of soil and groundwater; the right to store, move and remove contaminated soil and backfill; the right to excavate, condition; construct, operate, maintain, and dismantle treatment and injection systems; and the right to perform such other work as may be necessary and incidental to the performance of the Program for a period not to exceed five (5) years.

2. This Right of Entry is granted to the Government by the Grantor provided that such ingress and egress shall be available to the Government.

3. All tools, equipment, and materials used in the performance of the Government shall remain the property of the Government at any time within the scope of this Right of Entry.

4. The Government shall not be liable for any damage to the property during the period of this Right of Entry.

5. If any action of the Government results in damage to the real property, the Grantor shall repair such damage or make an offer of compensation for such repair or settlement exceeding the fair market value of the property at the time immediately preceding the damage. This clause is subject to the availability of funds for such purpose contained in this agreement made

Right of Entry to Arrowpoint Elementary School

DEPARTMENT OF THE ARMY
RIGHT OF ENTRY

Owner: Hazelwood School District

RE: 12900, 12920 & 12930 Lewis and Clark Blvd, Florissant, MO 63034

Parcel Nos: 06E110023, 06E110056 & 06F320201

See Exhibit "A"

MSD work on Jana Property



Evaluation of Coldwater Creek Community Exposures

North St. Louis County, MO – Public Health Assessment for Public Comment

The Agency for Toxic Substances and Disease Registry (ATSDR) has released a draft report evaluating community exposure to radiological contaminants in sediment, water, or soil while playing or living near Coldwater Creek. The creek was contaminated by former radiological waste storage sites near the St. Louis Airport. Since 1998, the Army Corps of Engineers' Formerly Utilized Sites Remedial Action Program (FUSRAP) has been sampling and cleaning up areas related to the sites. Community members asked ATSDR, a non-regulatory federal public health agency, to do this evaluation. Objectives of the evaluation were to:

- Estimate potential exposures and resulting risk of harmful health effects
- Respond to community concerns
- Recommend

This fact sheet

You can find t

Key Findings

- **Radiological contamination in and around Coldwater Creek, prior to remediation activities, could have increased the risk of some types of cancer in people who played or lived there.** Children and adults who regularly played in or around the creek or lived in its floodplain for many years in the past (1960s to 1990s) may have been exposed to radiological contaminants. ATSDR estimated that this exposure could increase the risk of developing bone or lung cancer, leukemia, or (to a lesser extent) skin or breast cancer. More recent exposures (2000s and on) increased the risk of developing bone or lung cancer from daily residential exposure.
- **ATSDR does not recommend additional general disease screening for past or present residents around Coldwater Creek.** The number of cases that might actually occur is small, and there is no way to tell if any particular cancer found was caused by this exposure or some other factor. Not everyone would have had exposures as high as assumed in our evaluation. Extra screening carries risk (such as false positive findings and extra radiation exposure from diagnostic imaging). A physician will use a patient's individual history, symptoms, age, and gender to determine appropriate screening or diagnostic testing.
 - ATSDR recommends that potentially exposed residents or former residents share their potential exposure related to Coldwater Creek with their physicians as part of their medical history and consult their physicians promptly if new or unusual symptoms develop.

Agency for Toxic Substances and Disease Registry
Division of Community Health Investigations



- **ATSDR supports ongoing efforts to identify and properly remediate radiological waste around Coldwater Creek.**

- To increase knowledge about contaminant distribution and allay community concerns, ATSDR recommends future sampling include
 - ✓ areas reported to have received soil or sediment moved from the Coldwater Creek floodplain (such as fill used in construction)
 - ✓ areas with possible soil or sediment deposited by flooding of major residential tributaries to Coldwater Creek
 - ✓ indoor dust in homes where yards have been cleaned up or require cleanup
 - ✓ sediment or soil remaining in basements that were directly flooded by Coldwater Creek in the

Written comments received during the public comment period and ATSDR responses will appear in an appendix to the final report. The report will not include the names of people submitting comments. However, names may be releasable if ATSDR receives a U.S. Freedom of Information Act (FOIA) request.

Where to Learn More

ATSDR: www.atsdr.cdc.gov
ATSDR Coldwater Creek Site: www.atsdr.cdc.gov/sites/coldwater_creek
FUSRAP: www.mvs.usace.army.mil/Missions/FUSRAP/SLAPS.aspx
Missouri Health: health.mo.gov/living/healthconditions/chronic/cancerinquiry

For questions about ATSDR activities at this site, contact the site team at ColdwaterCreek@cdc.gov.

Preventing Potential Exposure

Coldwater Creek—North St. Louis County, Missouri
June 2016

This fact sheet gives general recommendations for reducing exposure to hazardous substances, including low-level radioactive materials, that might be present in Coldwater Creek. You can take actions to reduce possible exposure to contaminated material in Coldwater Creek. EPA and other agencies continue to test the creek for contamination and assess possible health risks.

Exposure to hazardous substances may be reduced by avoiding contact with them. You can reduce exposure to hazardous substances associated with Coldwater Creek by avoiding direct contact with soil, sediment, or water in or near the creek. If you have been moved by flooding or for landscaping, if you do not have direct contact with creek contamination is greatly reduced.

How can I protect my family from contamination?
If you live near or next to the creek and are concerned about possible exposures, we recommend you take these actions:



- Avoid getting in the creek.
- Do not allow children to play in or along the creek.
- Do not eat fish, animals, or plants from the creek.
- Do not drink creek water.



- Avoid digging in your yard if you live near or next to the creek.
- If digging is needed or if you get in the creek, wear long sleeves, pants, gloves, and closed toe shoes.



- Wash those clothes separately and take a shower to wash off any soil or sediment.
- Wash using mild soap; you do not need to scrub.



- Wash your hands after touching creek soil or creek water.
- Avoid getting creek soil or creek water in your mouth and in open sores.



- If you are planting a garden, use raised beds and bring in clean soils. Do not water your garden with creek water.
- Thoroughly wash any garden vegetables before eating with clean water from your home.



- Root vegetables, like carrots and potatoes, should be peeled.
- Avoid bringing potentially contaminated soil or water into your home.
- Use doormats, take your shoes off at the door, and wipe soil or water off pets before letting them inside.

Agency for Toxic Substances and Disease Registry
Division of Community Health Investigations

Page 2

How can I protect my family from contamination in Coldwater Creek?

If you live near or next to the creek and are concerned about possible exposures, we recommend you take these actions:



- Avoid getting in the creek.
- Do not allow children to play in or along the creek.
- Do not eat fish, animals, or plants from the creek.
- Do not drink creek water.



- Avoid digging in your yard if you live near or next to the creek.
- If digging is needed or if you get in the creek, wear long sleeves, pants, gloves, and closed toe shoes.



- Wash those clothes separately and take a shower to wash off any soil or sediment.
- Wash using mild soap; you do not need to scrub.
- Wash your hands after touching creek soil or creek water.



- Avoid getting creek soil or creek water in your mouth and in open sores.
- If you are planting a garden, use raised beds and bring in clean soils. Do not water your garden with creek water.



- Thoroughly wash any garden vegetables before eating with clean water from your home.
- Root vegetables, like carrots and potatoes, should be peeled.



- Avoid bringing potentially contaminated soil or water into your home.
- Use doormats, take your shoes off at the door, and wipe soil or water off pets before letting them inside.

Agency for Toxic Substances and Disease Registry
Division of Community Health Investigations



or sediments.

dy.

not to find out if people are being, have hazardous substances from Coldwater Creek. In the meantime, ATSDR is currently living near Coldwater Creek to

Coldwater Creek?

concerns or talk to ATSDR about our Public Health Assessment. Call 1-800-455-6676 or email ColdwaterCreek@cdc.gov or call

Engineers St. Louis Formerly Utilized Sites Remedial Action Program. For more information on cleanup, you can call 1-800-455-6676 or visit www.army.mil/Missions/CentersofExpertise/

Page 2 of 2



ST. LOUIS POST-DISPATCH

Search St. Louis Post-Dispatch

Read Today's E-Edition



E-Edition

News

Obits

Sports

Opinion

Entertainment

Lifestyles

Business

Jobs

Schucks Weekly Ad

73° Rain



Welcome, moenvron1



Feds to conduct a review of Coldwater Creek cleanup, Bush says

Jack Suntrup 16 hrs ago 3

