From:	"Brooks, Karl" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=78AC91F4DB6D44F58424B504D5AA3C7D-BROOKS, KARL>
To:	Hammerschmidt
	Ron;Thomas
	"Hattie; Tapia"
	Cecilia
CC:	Hague
	Mark
Date:	8/16/2013 11:59:53 AM
Subject:	FW: Congressional Inquiry from Congressman Wm. Lacy Clay to the EPA
Attachments:	Clay_SHARP@mail.house.gov_20130802_153848.pdf

Hattie: is this in CMS? Ron/CT: is this one of the responses you mentioned today?

Karl Brooks
Regional Administrator
EPA Region 7
913-551-7006

-----Original Message-----
From: Engelhardt, Steven [mailto:Steven.Engelhardt@mail.house.gov]
Sent: Friday, August 16, 2013 11:46 AM
To: Brooks, Karl
Subject: FW: Congressional Inquiry from Congressman Wm. Lacy Clay to the EPA

Please note attached letter and documents sent to Administrator McCarthy.

Nothing new here, but just wanted you to have for your files.

Thanks.

SBE

-----Original Message-----
From: Engelhardt, Steven
Sent: Wednesday, August 14, 2013 2:06 PM
To: Engelhardt, Steven
Subject: Fw: Congressional Inquiry from Congressman Wm. Lacy Clay to the EPA

----- Original Message -----
From: Jamry, Pauline
Sent: Friday, August 02, 2013 03:53 PM
To: 'Kat Logan Smith' ; 'esmith@moenviron.org' ; 'dmcteacher@gmail.com' ; 'emmj.nix@gmail.com'
Cc: Piggee, Darryl; Engelhardt, Steven; Aboussie, Lou
Subject: Congressional Inquiry from Congressman Wm. Lacy Clay to the EPA

Hello,

The attached Congressional Inquiry regarding West Lake Landfill was emailed, faxed, and mailed today to EPA Administrator Gina McCarthy from Congressman Wm. Lacy Clay. Please share with all interested parties and constituents. Thank you.

Sincerely,

Pauline Jamry
Legislative Counsel
Office of Congressman Wm. Lacy Clay (MO-1)
2418 Rayburn House Office Building
Washington, D.C. 20515
Phone: 202.225.2406
Fax: 202.226.3717
Pauline.Jamry@mail.house.gov
http://lacyclay.house.gov/

Wm. LACY CLAY
1st District, Missouri

COMMITTEES:
FINANCIAL SERVICES
Ranking Member,
SUBCOMMITTEE ON
DOMESTIC AND INTERNATIONAL
MONETARY POLICY
OVERSIGHT AND
GOVERNMENT REFORM
Member,
SUBCOMMITTEE ON
FEDERAL WORKFORCE,
U.S. POSTAL SERVICE AND THE CENSUS

Web Site: www.lacyclay.house.gov/

Congress of the United States
House of Representatives
Washington, DC 20515-2501

2418 Rayburn House Office Building
Washington, DC 20515
(202) 225-2406
(202) 226-3717 Fax

6830 Gravois Ave.
St. Louis, MO 63116
(314) 669-9393
(314) 669-9898 Fax

Thomas F. Eagleton U.S. Court House
111 S. Tenth Street, Suite 24.344
St. Louis, MO 63102
(314) 367-1970
(314) 367-1341 Fax

August 2, 2013

Administrator Gina McCarthy
Environmental Protection Agency
1200 Pennsylvania Avenue, NW, Room 3426 ARN
Washington, DC 20460

Dear Administrator McCarthy,

I am writing this letter in regards to the West Lake Landfill located in my district. West Lake contains radioactive waste, and is currently under the jurisdiction of the Environmental Protection Agency (EPA).

In May 2008, after conducting environmental testing, the EPA issued its Record of Decision that stated the Formerly Utilized Sites Remedial Action (FUSRAP) program was not the appropriate federal program for remediating West Lake waste material. FUSRAP is under the jurisdiction of the Department of Energy (DOE) and the Army Corps of Engineers. The remediation plan adopted by EPA in its Record of Decision requires the agency to monitor the West Lake site to ensure that its remediation efforts are effective and that no air or groundwater contamination occurs.

Since May 2008, my constituents are and have been very concerned with EPA's remediation efforts at the West Lake site. Their concerns stem from many factors: 1) There is a lack of any type of lining between the radioactive waste and the soil which the waste sits on; 2) The waste is covered with a few inches of top soil lining that routinely blows away with wind; 3) The close proximity of the radioactive waste to another landfill called the Bridgeton Landfill, which has a subsurface fire that is not under control as of today's date; 4) The close proximity of West Lake to area schools, homes, and local businesses; and 5) The recent local air and groundwater testing conducted by the EPA, both of which show elevated levels of dangerous hazardous material.

I have continued to bring constituent inquiries about the West Lake landfill to the attention of EPA in an effort to ensure that the public safety is not jeopardized by EPA's remediation plan. I have attached the following documents from my constituents. The first document is a petition to EPA, asking the agency to review the May 2008 Record of Decision and transfer control of the West Lake remediation over to the Army Corps of Engineers' FUSRAP program for remediation, pending approval from DOE. The second document contains a series of letters to the EPA from the Missouri Coalition for the Environment and my constituents, which outline various questions and concerns regarding the remediation of West Lake.

I look forward to a response from your office addressing these pressing concerns regarding West Lake Landfill. Please feel free to contact my Chief of Staff, Darryl Piggee, at 202-225-2406, or by email at Darryl.Piggee@mail.house.gov if you have any questions. Thank you.

Sincerely,

Wm. Lacy Clay

Wm. Lacy Clay
Member of Congress

PRINTED ON RECYCLED PAPER

July 11, 2013

Senator Blunt, Senator McCaskill, Congressman Clay, and Congresswoman Wagner,

Communities around the West Lake Landfill Superfund Site in west St. Louis and St. Charles County need your help, leadership, and teamwork at this critical juncture. Over 600 people of people from the area attended the EPA meeting at Pattonville High School on June 25, 2013 and two things are clear, the community demands:

1. **The Army Corps of Engineers be put in charge on the West Lake Landfill Superfund Site.**
2. **The removal of nuclear weapons wastes from the smoldering, unlined landfill, which sits in an urban area, seismic zone, and tornado prone floodplain of the Missouri River.**

We urge you to work together to put West Lake Landfill on the fast track to becoming a Corps of Engineers Formerly Utilized Sites Remedial Action Program (FUSRAP) Site because the Corps has the local, technical expertise from its handling and removal of over 1,000,000 cubic yards of the same radioactive materials in St. Louis City and County.

We urge you to work together to secure our drinking water from the constant threat of contamination from the radioactive wastes that will be toxic for thousands of years. A floodplain is no home for such long-lived wastes.

Sincerely,

Attendees of the West Lake Landfill Community Meeting

Sign on sheet for our Federally Elected Officials:

- **Put FUSRAP in charge of West Lake Landfill.**
- **Remove the radioactive wastes, NOW.**

Signature	First (Print)	Last (Print)	Address (print)	City	Zip	Phone #
	Jennifer	Smith	1604 Silver Hill Ct	Wentzville	63385	636 6963701
	Travis	Huber	2524 Creve Coeur Mill Rd	Maryland Heights	63043	314-344-9052
	DONNA	Klocke	2690 Timberlake	Maryland Hts	63043	(314)-291-1631
	Stacy	Chenoweth	3318 Greenbridge	Bridgeton	63044	(314) 809-5946
	BARB	KINNAIRD	12743 Redfox Ct	Maryland Hts	63043	636 6712438
	Katie	Keeven	3314 Bridgeton Trails Dr.	Bridgeton	63044	
	Jay	Black	3022 Autumn Lake Ct	Maryland Hts	63043	314-269-7109
	Rio	Schandelmeyer	30 Winding Star Way	O'Fallon	63368	636-614-5014

Sign on sheet for our Federally Elected Officials:

- **Put FUSRAP in charge of West Lake Landfill.**
- **Remove the radioactive wastes, NOW.**

Signature	First (Print)	Last (Print)	Address (print)	City	Zip	Phone #
Irma Kennebeckfn	IRMA	KENNEBECK	3221 McKENEY RD	BRIDGETON	63044	314-768-1826
Loretto Gettemeier	Loretto	Gettemeier	3223 Parkwood Lane	Maryland Heights	63043	314-739-7450
Jodi Willard	Jodi	Willard	11846 Admiralton Dr	Bridgeton	63044	314-739-7124
Ferdinand E Fetsch	FERDINAND E	FETSCH	3336 TUSCANY AVE	BRIDGETON	63044	314-291-3021
Diane Shockley	Diane	Shockley	11840 Melody LN	Bridgeton	63044	314-739-5872
Sandra L Buzzetta	SANDRA	BUZZETTA	192 HUNTERS POINTE	ST. CHARLES	63304	314-498-0633
Katie Lamb	Katie	Lamb	12022 Autumn Lts Dr	Maryland Hts	63043	314-223-1230
Danielle Fritz	Danielle	Fritz	6445 Loyola Drive	Florissant	63031	3149727236
M. McConnell	Melissa	McConnell	12136 Nantucket Pl	Maryland Hts	63043	314 757.1979
Melissa Vatterott	Melissa	Vatterott	310 Geyer Forest Drive	St. Louis	63122	314-581-0561

Sign on sheet for our Federally Elected Officials:

- **Put FUSRAP in charge of West Lake Landfill.**
- **Remove the radioactive wastes, NOW.**

Signature	First (Print)	Last (Print)	Address (print)	City	Zip	Phone #
A Betty	Betty	Brucker	3393 McKelvey 63044	Bridgeton	63044	609-4244
[illegible]	David	Staab	2672 McKelvey	Md Hgts	63043	
Saul Fein	SAUL	Fein	12066 Autumn Lakes Dr.	Maryland Hgts	63043	314-363-5119
Jennifer L G Huber	Jennifer	Huber	2524 Creve Coeur Mill #9	Maryland Hts	63043	314-344-9052
Susan L Folle	Susan	FOLLE	1604 Silver Hills ct	Wentzville Mo	63385	636-887-0883
[illegible]	Sonya	PTAH	~~[illegible]~~ 12138 Autumn Lakes	Maryland Heights	63043	317.540.0447
Lori Gilbert	LORI	Gilbert	3077 Donnycrave	Maryland Hgts	63043	314 277-4567
John Fischer	John	Fischer	3183 Autumn Tie Dr	Maryland Hgts	63043	314209.0227
Kris A. Paglusch	Kris	Paglusch	4006 High Meadow Dr.	Robertsville	63072	636-271-7859
Bob Nowlin	Bob	Nowlin	3386 Tortosa Dr	Bridgeton	63044	314-291-4689
Byron + Vera Saunders	Byron	Saunders Sr	11204 Oak Hill Manor Dr.	Bridgeton	63044	314-780-1486

Sign on sheet for our Federally Elected Officials:

- **Put FUSRAP in charge of West Lake Landfill.**
- **Remove the radioactive wastes, NOW.**

Signature	First (Print)	Last (Print)	Address (print)	City	Zip	Phone #
SR. FRANCES HAARMANN	FRANCES	HAARMANN	7318 Ethel	ST. LOUIS	63117	314-781-2421
Marita Anne Marrah	Marita	Marrah	7311 Hoover	Richmond Heights	63117	3146454759
Barbara Ray	Barbara	Ray	12835 Tall Tree Ct	Hazelwood	63042	314-402-4810
Bonnie Kinnaird	Bonnie	Kinnaird	12743 Red Fox Ct	Maryland Hts	63043	573-301-0460
Carl Chappell	1430	ARLINGTON DR		FLOR	63033	
Rhonda Steelman	Rhonda	Steelman	3412 Ludlow Ave	BRIDGETON	63044	314 800 7455
Lynn Lake	Lynn	Lake	3512 El Ferrol	Bridgeton	63044	3146006558
Jeanne Hendrickson	Jeanne	Hendrickson	2731 Warren Ave	Granite City	62040	314 828-6141
Chuck Bell	Chuck	Bell	12736 San Clemente	Bridgeton	63044	314-298-0223
Maria Moehle	Maria	Moehle	2458 Weshay Drive	Maryland Hts	63043	314 220-8942
[illegible]	Fe	Richards		Maryland Hts		

Sign on sheet for our Federally Elected Officials:

- **Put FUSRAP in charge of West Lake Landfill.**
- **Remove the radioactive wastes, NOW.**

Signature	First (Print)	Last (Print)	Address (print)	City	Zip	Phone #
Susan Siegler	Susan	Siegler	950 Chula Dr.	Hazelwood	63042	314-971-4595
[illegible]	Douglas	Clemens	10825 Spring Ave	Bridgeton	63074	314-285-3498
Dr. C. Bonner	Christina	Bonner	3393 Mc Kelway	Bridgeton	63044	314-207-5443
Mary J Schieber	Mary	Schieber	9559 Grandview Dr	St Louis	63132	314872-1777
Becky Van Thull	Becky	VanThull	5400 Rainbow Dr	Houseprings	63051	636-775-5063
Debi Dosser	Debi	Dosser	9094 Patrick Dr	St. John	63114	314629-0705
Jean A. Lange	Jean	Lange	2590 Cheshire Dr	Florissant	63033	314-910-1493
Marilyn Greenwald	MARILYN	GREENWALD	2332 Charlemagne	Nd. Hgts	63043	314-555-122
Vicki Loux						
Vicki Loux	Vicki	Loux	11972 Kentwood	Nd Hts	63043	314-2099572
Pat Gamp	PAT	GAMP	11920 SARTHE DR	MARYLAND HGTS	63043	314-374-8010

Sign on sheet for our Federally Elected Officials:

- **Put FUSRAP in charge of West Lake Landfill.**
- **Remove the radioactive wastes, NOW.**

Signature	First (Print)	Last (Print)	Address (print)	City	Zip	Phone #
Debbie Neuman	Debbie	Neuman	12730 San Clemente Drive	Bridgeton	63044	314 313-9033
Jeanne Deer	JEANNE	DEERER	8840 GLENWOOD DR.	CRESTWOOD	63126	314. 849.2404
Jeanne Meurer	JEANNE	MEURER	3393 McKelvey	Bridgeton	63044	314-/448-3444
Karen Heath MD	Karen	Heath, MD	710 S Grand #1010	St. Louis	63118	314-956-1151
Carla Miller	Carla	Miller	3034 Autumn Lakes Ct	Maryland Hts	63043	636-536-2094
Kathy Bell	Kathy	Bell	12736 San Clemente	Bridgeton	63044	314-298-0223
Shannon Kluczny	Shannon	Kluczny	2325 Pleasant Run	Maryland Hts	63043	314 3634604
Linda J. Eaker	LINDA	EAKER	3255 Autumn View Pointe Dr.	BRIDGETON	63044	314-291-3880
Bruce Neuman	Bruce	Neuman	12730 San Clemente Dr	Bridgeton	63044	314 313-9033
Jenell Wright	Jenell	Wright	3 Yorkshire Ct, Edwardsville, IL →		62025	618 304-8532
[illegible]	MARTIN	WALLER	9680 LINCOLN DR	WORDEN	62097	618-288-5883

Sign on sheet for our Federally Elected Officials:

- **Put FUSRAP in charge of West Lake Landfill.**
- **Remove the radioactive wastes, NOW.**

Signature	First (Print)	Last (Print)	Address (print)	City	Zip	Phone #
Alexandra Duly	Alexandra	Duly	302 Dora Pl.	O'Fallon	63366	636-544-1470
Karen Nickel	Karen	Nickel	12141 Hillcrest Pl	Maryland Hts	63043	3142294896
Martha Hall	Martha	Hall	11916 Glenpark	Maryland Hts	63043	314-298-0163
Sandra Dorr	Sandra	Dorr	846 Sugar Valley Ct	St Peters	63376	
	Jerry	Grimmer	12016 Avery Ln.	Bridgeton	63044	314 739-7491
Regina Richards	Regina	Richards	12057 Glengrove Pl	Maryland Hgts	63043	314.368.3407
Traci Vette	Traci	Vette	3069 Chainbuck Ln.	"	63043	
BrieAnn McCormick	BrieAnn	McCormick	3420 San Seville Ct	Bridgeton	63044	
Randal Hein	RANDAL	HEIN	4127 SCOTCH DR	Bridgeton	63044	
Sandy Schwartz	SANDY	SCHWARTZ	3321 McKelvey Rd	Bridgeton	63044	314-768-1828
Kathy Vogelsang	Kathy	Vogelsang	10521 Lite	St Ann	63074	3147280716

Missouri Coalition for the Environment
Effective Citizen Action Since1969

May 23, 2013

Karl Brooks
Regional Administrator, Region 7
Environmental Protection Agency
11201 Renner Blvd.
Lenexa, KS 66219

RE: West Lake/Bridgeton Landfill Superfund Site

Dear Mr. Brooks:

A subsurface landfill fire is burning in the proximity of nuclear weapons wastes in Bridgeton, Missouri. The odor from the landfill fire has impacted tens of thousands of people and concern about it contacting the nuclear weapons wastes is growing. The EPA announced in January the landfill fire was 1,200 feet from the nuclear weapons wastes. In May, the Missouri Attorney General announced the landfill fire is 1,000 feet away from the nuclear weapons wastes. EPA employees have stated several times this year that it is not possible for the landfill fire to reach the nuclear weapons wastes.

The Missouri Coalition for the Environment and the undersigned members of the adjacent communities would love to be as confident as your staff that the fire will not reach the nuclear weapons wastes. Please help us understand your position so that we may know our communities are safe. Please answer our questions:

1. Can the EPA say with 100% confidence that the landfill fire will not reach the nuclear weapons wastes? If yes, will the EPA explain to the community, in detail, the information it is using to make this determination. If no, what is the EPA plan to ensure the fire does not reach the nuclear weapons wastes?
2. How does EPA explain that the temperatures in the landfill past the interceptor wells are rising above levels of concern- 170 degrees at several of the monitoring wells including at TMP5, TMP13 and TMP14?
3. The EPA Remedial Investigation for the West Lake Landfill OU-1 (pg. 80) indicates that the normal groundwater flow is toward the Missouri River. However, its normal flow was being influenced by the leachate collection system in the adjacent landfill. It's our understanding that the leachate collection pumps have stopped working at the Bridgeton landfill. How will this affect groundwater flow in the West Lake Landfill OU-1 Area 1 and 2?

6267 Delmar Boulevard • Suite2E • St.Louis, Missouri 63130-4722 • (314) 727-0600 • Fax: (314) 727-1665 • moenviron@moenviron.org • www.moenviron.org

4. Is the EPA sampling groundwater between West Lake OU-1 and the Missouri River or anywhere offsite?
5. Will EPA provide the data on groundwater sampling locations, results, and plans?
6. How often is EPA sampling groundwater monitoring wells? What days did the EPA sample groundwater at the site in 2012 and 2013? What is the schedule for groundwater sampling in 2013?
7. Groundwater plumes are often seen at superfund sites where soil has been contaminated with chemicals. Soil is not the same as landfill waste. Would EPA expect to find a groundwater plume in a heterogeneous mixture of materials such as can be found in the West Lake landfill?
8. How would groundwater behave in landfill material that might be different from how groundwater would behave in a homogeneous material like soil?
9. What information would EPA need in order to predict groundwater movement in landfill material with some degree of accuracy? Does the agency have this information?
10. Has the EPA conducted community interviews of "impacted communities" in the last 10 years? If yes, does EPA have evidence to support that community interviews were conducted? If yes, how have community interviews guided EPA response to community concerns? If no, what is the EPA plan for conducting community interviews and when will people be notified?
11. In March, EPA told the public that it flew the Aspect plane over the area to measure airborne radiological hazards. Where is the data from the Aspect plane?
12. Will EPA provide the raw data to the public?
13. What are the abilities and limitations of the ASPECT plane monitors?
14. Did the ASPECT plane conduct a thermal analysis of the landfill?
15. Who requested the ASPECT plane flyover?
16. Why was the ASPECT plane flown over?
17. Where did it take measurements?
18. Does the EPA have any air data on radon/radon daughters from north St. Louis?

Thank you for your consideration of our concerns.

Yours truly,

Kathleen Logan Smith, MCE

Ed Smith, MCE

Dawn Chapman, Maryland Heights

Jay Black, Maryland Heights

Bob Nowlin, Bridgeton

Kay Drey, Beyond Nuclear

1. Beth Strohmeyer
BETH STROHMEYER

MARYLAND HEIGHTS

2. Douglas Clemens
Douglas Clemens

St. Ann

3. Julie Pitzen
Julie Pitzen

Hawk Point

4. Stacy L. Chenoweth
Stacy L. Chenoweth

Bridgeton

5 BD Chenoweth II
BRADLEY D. CHENOVETH II

BRIDGETON

6. Sharon L. Duisen
Sharon L. Duisen

Bridgeton

7 Robert Duisen
Robert Duisen

Bridgeton

8. Megan Richardson
Megan Richardson

St. Peters

9. Cheryl C Lokke
Cheryl C. Lokke

St John. MO

10 F. Scott Kenny
F. Scott Kenny

ST CHARLES, MO

11 Sharon Kenny

St. Louis MO 63114

12 Clare Duffy — Maryland Hts.

13 Sara Schnurbusch

St Louis, MO 63116

14. Frances M. Hanamann

St. Louis, MO. 63117

15 Jeanne Meiner

Bridgeton MO 63044

16.	Mary Chaudet Mary Chaudet	Ferguson 63136
17.	Jeanne Derer JEANNE DERER	CRESTWOOD 63126
18.	Melissa Skinner	
19.	Paula Frey	St. Louis 63114
20.	Dr. L. Skilla	
21	Kathryn C Holland	Maryland Hts 63043
2	John Johnny	Bridgeton, MO 63044
23	MIKE DUNNEGAN	Bridgeton MO 63044
24	Gale Thackrey	BRIDGETON, MO. 63044
25	Rio Schandelmeyer	Bridgeton, MO 63044
26	Elliott Rhoad	O'Fallon MO 63368
27	Nancy Hough	Chesterfield, MO 63017
28	Kathy Bell	St Charles, MO 63304
29	Chuck Bell	Bridgeton, MO 63044
30	Debbie Neuman	Spanish Village Bridgeton Mo
31	Bruce Neuman	Spanish Village, Bridgeton
32	William T. Wilson, Jr.	Spanish Village, Bridgeton
33	Lori Gilbert	Maryland Heights 63043
34	Lynn A. Lebe	Bridgeton mo (spanish village
35	Donna Klocke	Maryland Hgts Mo 63043
36	Vicki Loux	Maryland Hts., MO 63043
37	PAT GAMP Pat Gamp	MARYLAND HTS MO 63043
38	Debi Disser	St. John, MO 63114
39.	Jenna Hodges	Florissant MO 63031
40.	Jlo Janitch	Maryland Hts., MO 63043
41.	ANDREA CROUCH	MARYLAND HGTS., MO 63043
42.	Bob Noarlin	Bridgeton-Spanish Lake

16. DORIAN BOSCAN	Bridgeton MO 63044
17. Elliott Rhod	Chesterfield, MO 63017
18 Mary Lou Burke	Maryland Heights 63043
19 David Kershman	Maryland Hgts 63043

Missouri Coalition
for the Environment
Effective Citizen Action Since1969

Questions for EPA

June 18, 2013

Karl Brooks
Regional Administrator, Region 7
Environmental Protection Agency
11201 Renner Blvd.
Lenexa, KS 66219

RE: West Lake/Bridgeton Landfill Superfund Site

Dear Mr. Brooks:

The Missouri Coalition for the Environment (MCE) requests a meeting to go over questions submitted to the EPA dated May 23, 2013 and the questions below regarding the West Lake Landfill Superfund Site in St. Louis County, Missouri. MCE would like to meet with EPA staff before the June 25, 2013 public meeting scheduled at Pattonville High School so we can have an in-depth conversation regarding MCE and community concerns at West Lake Landfill. Will EPA meet with MCE before the June 25 meeting? If a meeting cannot be scheduled for June 25, will EPA please provide a written response to unanswered questions from the May 23 letter and questions listed below?

1. The EPA's 2008 Record of Decision on West Lake Landfill makes numerous assumptions about the inability of the radioactive wastes to move offsite based on current site conditions. The data also shows that the radioactive wastes will become more radioactive for the next 9,000 years. West Lake Landfill sits in a floodplain, in an urban area, and in a seismic zone; recently, several tornadoes have come close to touching down at the landfill; and there is a "subsurface smoldering event" in the landfill in close proximity. What guidance/statute/regulation does EPA use when determining long-term risk at Superfund Sites that will remain contaminated virtually forever?
    a. The Japanese and United States governments never considered multiple events compromising nuclear reactors, like the earthquake and tsunami that hit Fukushima in Japan, crippled three reactors, and damaged safety systems. Has the EPA developed a risk assessment that considers multiple disasters impacting the spread of radioactive wastes at the West Lake Landfill?
2. Does the EPA contend that 8,700 tons of leached barium sulfate from Latty Avenue was mixed with 38,000 tons to 39,000 tons of "clean material" as stated in the Responsiveness Summary (page 13)?
3. How does the EPA explain levels of Radium-226 and Radium-228 outside of Operable Unit - 1? For example: The Responsiveness Summary from 2008 (page 3) states "only four wells exhibited a total radium concentration above the MCL of 5 picocuries per liter (pCi/l)" with the maximum reading

6267 Delmar Boulevard · Suite2E · St.Louis, Missouri 63130-4722 · (314) 727-0600 · Fax: (314) 727-1665 · moenviron@moenviron.org · www.moenviron.org

being 6.33PiC/l. A map in the Groundwater Monitoring report dated December 14th, 2012 (page 84) displays 20 wells that show radium levels above 5pCi/l with PZ-101-SS reading 32.01pCi/l, which is outside of Area-1 and Area-2 of Operable Unit 1. With the increase in the concentration of Radium from the wells, how can the EPA continue to state that the levels of Radium being read are naturally occurring?

   a. Does naturally occurring Radium increase its radioactivity over time?
   b. Can the EPA explain the increase in the level of radium in the wells above 5 PiC/l?

4. Given that the radioactive wastes were dumped at West Lake 40 years ago and Dr. Criss's conclusion that the "radiologically-contaminated groundwaters have moved substantial lateral distances away from the original areas where the radwaste was dumped, and also have entered subjacent Mississippian bedrock," is it more likely that the levels of Radium-226 and Radium-228 are elevated because they are from the radioactive wastes that were dumped and therefore are not naturally occurring as the EPA currently concludes?
5. Besides the ASPECT plane and groundwater testing, is the EPA doing anything else (i.e. soil samples) to improve its understanding of the West Lake Landfill and the radioactive materials that are present?
6. Is the EPA conducting groundwater samples outside the West Lake Landfill? If no, why not? If no, how can the EPA claim the radioactive wastes have not moved off site? If yes, can the EPA provide the data?
7. How can the EPA conclude that the radioactive materials are contained based on the ASPECT plane, which only measured gamma radiation up to one foot, while the radioactive wastes are buried up to 15 feet deep and there is no liner to prevent groundwater contamination?
8. Is there a "red line" to trigger the removal of the radioactive wastes in context to the smoldering landfill event and its apparent progression north towards Area 1?
9. Has the EPA conducted community interviews of "impacted communities" in the last 10 years? If yes, does the EPA have evidence to support that community interviews were conducted? If yes, how have community interviews guided the EPA's response to community concerns? If no, does the EPA plan on conducting community interviews prior to the next Record of Decision?

Thank you for your consideration.

Ed Smith, MCE

Kathleen Logan Smith, MCE

6267 Delmar Boulevard · Suite2E · St.Louis, Missouri 63130-4722 · (314) 727-0600 · Fax: (314) 727-1665 · moenviron@moenviron.org · www.moenviron.org

July 25, 2013

Karl Brooks
Regional Administrator, Region 7
Environmental Protection Agency
11201 Renner Blvd.
Lenexa, KS 66219

RE: West Lake Landfill Superfund Site

Dear Mr. Brooks:

The West Lake Landfill impacted communities request answers to the below questions. During a June 26, 2013 meeting with Administrator Brooks, the Missouri Coalition for the Environment agreed to work with community members to only send questions regarding the landfill once a month. The Environmental Protection Agency has yet to respond to questions submitted in May and June of 2013. The West Lake Landfill impacted communities continue to be concerned about the safety of citizens living in proximity to the landfill and depend on the EPA to address our concerns as the lead regulatory agency. The undersigned community members expect the EPA to provide a written response within 4 weeks of receiving this letter.

1. How close can the subsurface smoldering event approach West Lake Landfill before the EPA interjects and emergency actions are taken? Meaning, does the EPA have a "red line" for its involvement?

2. Has the EPA received any information regarding groundwater flow at the West Lake Landfill from the USGS? Is there a timeframe for USGS involvement?

4. Where exactly will the off-site groundwater samples be collected surrounding the West Lake Landfill Superfund Site? Will a sampling plan be made available for comment before sampling is conducted?

5. Will EPA provide groundwater sampling (both on-site and off-site) locations, results, and plans with the community?

6. How does the EPA explain levels of Radium-226 and Radium-228 outside of Operable Unit 1? For example: The Responsiveness Summary from 2008 (page 3) states "only four wells exhibited a total radium concentration above the MCL of 5 picocuries per liter (pCi/I)" with the maximum reading being 6.33PiC/l. A map in the Groundwater Monitoring report dated December 14th displays 20 wells that show radium levels above 5pCi/l with PZ-l0l-SS reading 32.01pCi/l, which is outside of Area-l and Area-2 of Operable Unit 1.

> a) With the increase in the concentration of Radium from the wells, how can the EPA continue to state that the levels of Radium being read are naturally occurring?

b) Can the EPA explain the significant increase in wells that showed Radium above 5 PiC/l?

7. Does the EPA contend that 8,700 tons of leached barium sulfate from Latty Avenue was mixed with 38,000 tons to 39,000 tons of "clean material" as stated in the Responsiveness Summary (page 13)?

8. What studies/investigation did the National Remedy and Review Board recommend EPA Region 7 conduct to better understand the West Lake Landfill?

9. Why was the fence along OU-1 Area 1 moved closer to the St. Charles Rock Road? What day(s) was the new fence constructed? By whose order?

10. Will the EPA provide digital records on its website of all documents in the "administrative record" and "public record" concerning West Lake Landfill?

11. How many Superfund Sites in Region 7 involve radiological contamination? Has EPA Region 7 executed a ROD at a radioactive Superfund Site? If so, which ones and when?

12. How can the EPA conclude that the radioactive materials are contained based on the ASPECT plane, which only measured gamma radiation up to one foot, while the radioactive wastes are buried up to 15 feet deep and there is no liner to prevent groundwater contamination?

13. Has the EPA conducted community interviews of "impacted communities" in the last ten years? If yes, does the EPA have evidence to support that community interviews were conducted? If yes, how have community interviews guided the EPA's response to community concerns? If no, does the EPA plan on conducting community interviews prior to the next Record of Decision?

Thank you for your consideration.

Sincerely,

West Lake Landfill Impacted Communities & MCE

The West Lake Landfill impacted communities continue to be concerned about the safety of citizens living in proximity to the landfill and depend on the Environmental Protection Agency (EPA) to address our concerns as the lead regulatory agency. The undersigned community members expect the EPA to provide a written response to the attached questions within 4 weeks of receiving this letter.

Signature	First (Print)	Last (Print)	Phone	Address	City	ZIP
Mary Catherine Dunn	MARY	DUNN	314-739-7450	3223 PARKWOOD LN	MARYLAND HGTS	63043
Sandra L Buzzetta	Sandy	BUZZETTA	3144980633	192 Hunters POINTE	ST. Charles	63304
Irma Kennebeck	IRMA	KENNEBECK	314-768-1826	3221 McKELVEY RD	BRIDGETON	63044
Debi Disser	Debi	Disser	314629-0705	908 Patrick Dr	ST. John	63114
Jeanne Derer	JEANNE	DERER	314. 849. 2404	8840 GLENWOOD DR.	ST. LOUIS	63126
Deann Deimeke	DEANN	DEimeke	314 738-0957	308 Little Ave	Mt. Heights	63043
Linda S Leib	Linda	Leib	34 291-7956	11691 Donnycove Ln	Maryland HTS	63043
M Richards	Fe	Richards		12066 Autumn Lakes Dr.	Maryland Hts	63043
SAUL Fein	SAUL	Fein		"	"	"
John Fischer	JOHN	Fischer	209-0227	3383 Autumn Trail Dr	Maryland Hts	63043
Brad Chenoweth	BRAD	CHENOWETH II	314 482-6239	3318 GREENBRIDGE	BRIDGETON	63044

The West Lake Landfill impacted communities continue to be concerned about the safety of citizens living in proximity to the landfill and depend on the Environmental Protection Agency (EPA) to address our concerns as the lead regulatory agency. The undersigned community members expect the EPA to provide a written response to the attached questions within 4 weeks of receiving this letter.

Signature	First (Print)	Last (Print)	Phone	Address	City	ZIP
Michael Williams	MICHAEL	WILLIAMS	314 813-4533	1308 COLUMBUS DR ST LOUIS MO 63138	ST LOUIS	63138
M Chris Williams	Mary Christine	Williams	314-667-6332	1308 Columbus Dr St Louis Mo	ST. LOUIS	63138
Susan Siegler	Susan	Siegler	314-971-4595	950 Chula Drive	Hazelwood	63042
Margaret Krahman	Margaret	KRAHMAN	314-434-1500	12087 Fleetwood	Maryland Hts	63043
E Stern	Elaine	Stern	314 653 0424	1312 DOMINICA	STL	63138
Kathy Bell	Kathy	Bell	314-298-0223	12736 San Clemente	Bridgeton	63044
Chuck Bell	Chuck	Bell	"	"	"	"
Katherine Randolph	Katherine	Randolph	314-291-7364	3372 San Sevilla Ct	Bridgeton	63044
Sandy Schwartz	SANDY	SCHWARTZ	314-768-1828	3221 McKelvey Rd.	BRIDGETON	63044
Mary Ann Ford	Mary Ann	Ford	314-302-7593	800 Keeneland Rd	Florissant	63034
Rhonda Steelman	Rhonda	Steelman	314 800 7455	3412 Ludlow Ave	Bridgeton	63044

The West Lake Landfill impacted communities continue to be concerned about the safety of citizens living in proximity to the landfill and depend on the Environmental Protection Agency (EPA) to address our concerns as the lead regulatory agency. The undersigned community members expect the EPA to provide a written response to the attached questions within 4 weeks of receiving this letter.

Signature	First (Print)	Last (Print)	Phone	Address	City	ZIP
Mary McCarthy	MARY	McCARTHY	3146095563	2419 Wexford	Maryland Hts	63043
Jo S. Janitch	Jlo	Janitch	314-739-6470	12004 Autumn Lakes Dr.	Maryland Hts,	63043
Cindy Finnegan	Cindy	Finnegan	314 566 9630	1836 Tawny Ash Dr	St L	63146
Stacy R Chenaweth	Stacy	Chenaweth	(314) 809-5946	3318 Greenbridge Dr	Bridgeton	63044
Todd Nickel	Todd	Nickel	314 685-6297	12141 Hillcrest	Maryland Hgts	63043
Megan Richardson	Megan	Richardson	314-608-3036	1 Yankee Jim Ct	St. Peters	63376
Katie Keeven	Katie	Keeven	314-223-7559	3314 Bridgeton Trails Dr.	Bridgeton	63044
Rhonda Steelman	Rhonda	Steelman	314-800-7455	3412 Ludlow Ave	Bridgeton	63044
Randy Hein	RANDY	HEIN	314-398-1700	4137 SCOTCH		63044

The West Lake Landfill impacted communities continue to be concerned about the safety of citizens living in proximity to the landfill and depend on the Environmental Protection Agency (EPA) to address our concerns as the lead regulatory agency. The undersigned community members expect the EPA to provide a written response to the attached questions within 4 weeks of receiving this letter.

Signature	First (Print)	Last (Print)	Phone	Address	City	ZIP
Stacy L Chenoweth	Stacy	Chenoweth	(314) 809-5946	3318 Greenbridge Dr.	Bridgeton	63044
Todd Nickel	Todd	Nickel	(314) 685-6297	12141 Hillcrest Pl	Maryland Hgts	63043
Bob Nowlin	Bob	Nowlin	314-291-4689	3386 Tortosa Dr	Bridgeton	63044
Barbara J. Bullard			314 291-5247	11561 Breezeway	Bridgeton	63044
Martha Hall	Martha	Hall	314-298-0163	11916 Glenpark	Maryland Hts	63043
Frank Licata	FRANK	LICATA	314-739-2841	3526 EL FERROL CT	BRIDGETON	63044

The West Lake Landfill impacted communities continue to be concerned about the safety of citizens living in proximity to the landfill and depend on the Environmental Protection Agency (EPA) to address our concerns as the lead regulatory agency. The undersigned community members expect the EPA to provide a written response to the attached questions within 4 weeks of receiving this letter.

Signature	First (Print)	Last (Print)	Phone	Address	City	ZIP
Susan Folle	Susan	Folle	636-887-0883	1604 Silver Hills Ct	Wentzville	63385
Jennifer Smith	Jennifer	Smith	636 6963701	"	"	"
Gwendolyn Verhoff	Gwendolyn	Verhoff	314 435-6343	10450 Decker	Overland	63114
Marilyn Caldwell	Marilyn	Caldwell	314 838 9518	809 Keeneland Rd	Florissant	63034
Mary McCarthy	MARY	McCARTHY	314 6095563	2419 Nuxford	Maryland Hts	63043
Clare Duffy	Clare	Duffy	314 291-3144	3110 Autumn Tr. Dr.	Maryland Hts	63043
Vernita Wilson	Vernita	Wilson	314-739-8405	3538 El Ferrol Ct.	Bridgeton	63044
Megan Richardson	Megan	Richardson	314-608-3036	1 Yankee Jim Ct	St. Peters	63376
~~Pat Mansell~~	~~Pat~~					
Pat Mansell	PAT	Mansell	314-739-2119	3521 El Ferrol Ct R	Bridgeton	63044
Robert Duiser Sharon Duiser	Bob Sharon	Duiser Duiser	314-739-0598	3880 Taylor Pl Ct Bridgeton, Mo. 63044	Bridgeton	63044

The West Lake Landfill impacted communities continue to be concerned about the safety of citizens living in proximity to the landfill and depend on the Environmental Protection Agency (EPA) to address our concerns as the lead regulatory agency. The undersigned community members expect the EPA to provide a written response to the attached questions within 4 weeks of receiving this letter.

Signature	First (Print)	Last (Print)	Phone	Address	City	ZIP
Jennifer L G Huber	Jennifer	Huber	314-344-9052	2524 Creve Coeur Mill Rd #9	Maryland Heights	63043
Ferdinand E Fetsch	FERDINAND	FETSCH	314-291-3021	3336 TUSCANY HILLS CT	BRIDGETON	63044
Jo S. Janitch	JIO	Janitch	314-739-6470	12004 Autumn Lakes Dr.	Maryland Hts.	63043
Cynthia Finnegan	Cynthia	Finnegan	314 566 9630	1836 Tawny Ash Dr	STL MO	63146
Bill Wilson	BILL	WILSON	314-739-8405	3538 EL FERROL CT.	BRIDGETON	63044
Sr Ellen Orf CSJ	SR Ellen	Orf	636 293 8253	204 N. MAIN ST	O'FALLON	63366
Randy Heinl	RANDY	HEINL	314-298-1707	4107 SCOTCH	BRIDGETON	63044
Katie Keenan	Katie	Keenan	314-223-7559	3314 Bridgeton Trails Dr	Bridgeton	63044
Jodi Willard	Jodi	Willard	314-706-4844	11846 Administration	Bridgeton	63044