



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
SOUTHEAST MICHIGAN DISTRICT OFFICE



C. HEIDI GREETHER
DIRECTOR

October 23, 2018

*Received 11-14-18
TMW*

Ford Motor Company
c/o Mr. Todd M. Walton
Fairlane Plaza North, 8F
290 Town Center Drive
Dearborn, Michigan 48126

Dear Mr. Walton:

SUBJECT: Letter from Michigan Department of Health and Human Services (MDHHS)
Ford - Livonia Transmission Plant
36200 Plymouth Road; Livonia, Wayne County, Michigan
MDEQ Site ID No. 82002970

The Michigan Department of Environmental Quality (MDEQ) received the attached communication from the MDHHS on October 18, 2018. The communication outlines several requests which should be taken to be responsive to citizens' concerns and protect both the environment and human health. The MDEQ concurs with the requests made by MDHHS and expects compliance with their expertise.

If Ford should have further questions or concerns, please contact Christina Bush, Manager, ATSDR Site Assessment Unit, Toxicology and Response Section, at 517-284-4794; Bushc6@michigan.gov, or contact Brandon Alger using the information provided below.

Sincerely,

Brandon Alger, Project Manager
Southeast Michigan District Office
Remediation and Redevelopment Division
586-623-2839
algerb@michigan.gov

Enclosure

cc: Mr. Kris Hinskey, Arcadis of Michigan, LLC
Ms. Christina Bush, MDHHS
Mr. Paul Owens, MDEQ
Ms. Beth Vens MDEQ



STATE OF MICHIGAN
DEPARTMENT OF HEALTH AND HUMAN SERVICES
LANSING

RICK SNYDER
GOVERNOR

NICK LYON
DIRECTOR

October 18, 2018

Paul Owens
Department of Environmental Quality
Remediation and Redevelopment Division (RRD)
Southeast MI District Supervisor
27700 Donald Court
Warren, MI 48092-2793

RE: Ford Livonia Transmission Plant

Dear Mr. Owens:

This letter is to follow up from the August 20, 2018 public meeting regarding the Ford Livonia Transmission Plant (Ford LTP) Response Activity Plans. The Michigan Department of Environmental Quality (DEQ) collected public comment during the meeting; some of those comments indicated exposure and health concerns. (Note, too, that a report to the National Response Center [NRC#1222589, attached] also indicated community concerns.) Toxicologists from the Michigan Department of Health and Human Services (DHHS) and staff from the Wayne County Department of Health, Veterans, and Community Wellness were present at the availability session that preceded the public meeting and also were available for conversations with residents during the public hearing time.

During conversations with DHHS and the local health department, several residents talked about groundwater entering their basements through drains or sumps. Groundwater infiltration into a basement is different than vapor intrusion, which is the pathway being investigated off-site. Also, groundwater in contact with a structure can invalidate assumptions used for modeling the likelihood of vapor intrusion occurring.

Some citizens also talked about how water would accumulate in low spots or excavations in their yards, apparently seeping in from the subsurface. While contaminant concentration data exist for groundwater off-site, it is unclear whether these seeps could contain site-related contaminants and at what levels. Skin contact with some of these chemicals could result in health effects if the exposure is high enough and frequent enough.

In order to be responsive to citizens' concerns, DHHS is requesting that:

1. Expedited indoor air samples be taken during times of groundwater infiltration. The water entering the structure should also be sampled, to determine whether

any indoor air detections are related to chemicals detected in the water. DHHS understands that it may be difficult to predict when groundwater infiltration could occur. However, it may be necessary to set up a hot-line for residents to call when the infiltration does occur so that sampling could be arranged.

2. Indoor air and, where possible, subslab samples be taken concurrently, to determine the likelihood of vapor intrusion and to validate that the screening levels being used are adequately protective, given that groundwater is shallow in this area and may actually be in contact with the foundation in certain circumstances.
3. Shallow groundwater be sampled, to evaluate potential skin contact with this medium.

Thank you for your assistance with this matter.

Sincerely,



Christina Bush, Manager
ATSDR Site Assessment Unit
Toxicology and Response Section
Division of Environmental Health

Bushc6@michigan.gov
517-284-4794

Attachment

CC: Brandon Alger, DEQ Project Manager
Beth Vens, DEQ Environmental Manager
Lisa Quiggle, DHHS Vapor Intrusion and Chemical Emergencies Unit Manager
Deb MacKenzie-Taylor, DHHS Toxicology and Response Section Manager
Carol Austerberry, Wayne County Health Department of Veterans and
Community Wellness, Health Officer

From: HQS-PF-fldr-NRC@uscg.mil
Sent: Friday, August 24, 2018 3:24:13 PM (UTC-05:00) Eastern Time (US & Canada)
To: Groetsch, Kory J. (DHHS)
Subject: NRC#1222589

NATIONAL RESPONSE CENTER 1-800-424-8802

GOVERNMENT USE ONLYGOVERNMENT USE ONLY***

Information released to a third party shall comply with any applicable federal and/or state Freedom of Information and Privacy Laws

Incident Report # 1222589

INCIDENT DESCRIPTION

*Report taken by NRC at 15:06 on 24-AUG-18

Incident Type: FIXED

Incident Cause: DUMPING

Affected Area:

Incident was discovered on 24-AUG-18 at 12:00 local incident time.

Affected Medium: LAND / SOIL, WATER, AIR

REPORTING PARTY

Name: ANONYMOUS

PRIMARY Phone: (111)1111111

Type of Organization: OTHER

SUSPECTED RESPONSIBLE PARTY

Name: UNKNOWN

Organization: FORD MOTOR COMPANY

Address: 36200 PLYMOUTH RD

LIVONIA, MI

Type of Organization: PRIVATE ENTERPRISE

INCIDENT LOCATION

36200 PLYMOUTH RD County: WAYNE

City: LIVONIA State: MI

RELEASED MATERIAL(S)

CHRIS Code: NCC Official Material Name: NO CHRIS CODE

Also Known As: 1,4-DIOXANE

Qty Released: 0 UNKNOWN AMOUNT

CHRIS Code: NCC Official Material Name: NO CHRIS CODE

Also Known As: CIS-1,2-DICHLOROETHENE

Qty Released: 0 UNKNOWN AMOUNT
CHRIS Code: NCC Official Material Name: NO CHRIS CODE
Also Known As: DICHLOROETHENE
Qty Released: 0 UNKNOWN AMOUNT
CHRIS Code: NCC Official Material Name: NO CHRIS CODE
Also Known As: DNAPL
Qty Released: 0 UNKNOWN AMOUNT
CHRIS Code: NCC Official Material Name: NO CHRIS CODE
Also Known As: LNAPL
Qty Released: 0 UNKNOWN AMOUNT
CHRIS Code: NCC Official Material Name: NO CHRIS CODE
Also Known As: TETRACHLOROETHENE
Qty Released: 0 UNKNOWN AMOUNT
CHRIS Code: NCC Official Material Name: NO CHRIS CODE
Also Known As: TRANS-1,2-DICHOROETHENE
Qty Released: 0 UNKNOWN AMOUNT
CHRIS Code: NCC Official Material Name: NO CHRIS CODE
Also Known As: TRICHLOROETHENE
Qty Released: 0 UNKNOWN AMOUNT
CHRIS Code: NCC Official Material Name: NO CHRIS CODE
Also Known As: VINYL CHLORIDE
Qty Released: 0 UNKNOWN AMOUNT

DESCRIPTION OF INCIDENT

CALLER REPORTED TRICHLOROETHENE (TCE), TETRACHLOROETHENE (PCE), 1-DICHLOROETHENE (DCE), CIS-1,2-DICHLOROETHENE (CDCE), TRANS-1,2-DICHOROETHENE (TDCE), VINYL CHLORIDE (VC), 1,4-DIOXANE, LNAPL, DNAPL, ARE BEING RELEASED FROM A TRANSMISSION PLANT INTO THE SOIL, WATER, AND AIR DUE TO FORD MOTOR COMPANY DUMPING.

SENSITIVE INFORMATION

INCIDENT DETAILS

Package: N/A
Building ID:
Type of Fixed Object: MANUFACTURING FACILITY
Power Generating Facility: UNKNOWN
Generating Capacity:
Type of Fuel:
NPDES:
NPDES Compliance: UNKNOWN

IMPACT

Fire Involved: NO Fire Extinguished: UNKNOWN

INJURIES: NO Sent to Hospital: Empl/Crew: Passenger:
FATALITIES: NO Empl/Crew: Passenger: Occupant:
EVACUATIONS:NO Who Evacuated: Radius/Area:

Damages: NO

Hours Direction of
Closure Type Description of Closure Closed Closure

Air: NO

Road: NO Major Artery:NO

Waterway:NO

Track: NO

Passengers Transferred: NO
Environmental Impact: UNKNOWN
Media Interest: UNKNOWN Community Impact due to Material:

REMEDIAL ACTIONS

Release Secured: UNKNOWN
Release Rate:
Estimated Release Duration:

WEATHER

Weather: PARTLY CLOUDY, 79°F

ADDITIONAL AGENCIES NOTIFIED

Federal:
State/Local:
State/Local On Scene:
State Agency Number:

NOTIFICATIONS BY NRC

CENTERS FOR DISEASE CONTROL (GRASP)
24-AUG-18 15:23 (770)4887100
CHIPPEWA OTTAWA RESOURCE AUTHORITY (COMMAND CENTER)
24-AUG-18 15:23 (906)6320043
DHS DEFENSE THREAT REDUCTION AGENCY (CHEMICAL AND BIOLOGICAL TECHNOLOGI
24-AUG-18 15:23 (703)7673477
MI OFFICE OF INTEL AND ANALYSIS (FIELD OPERATIONS DIVISION)
24-AUG-18 15:23 (919)9674500
DOT CRISIS MANAGEMENT CENTER (MAIN OFFICE)
24-AUG-18 15:23 (202)3661863

U.S. EPA V (MAIN OFFICE)

(312)3532318

U.S. EPA V (TRIBAL AND INTERNATIONAL AFFAIRS)

24-AUG-18 15:23 (231)9410237

FLD INTEL SUPPORT TEAM DETROIT (COMMAND CENTER)

24-AUG-18 15:23 (313)5689599

FLD INTEL SPT TEAM SAULT STE TEAM (SECTOR INTEL STAFF)

24-AUG-18 15:23 (906)2532417

LITTLE RIVER BAND OF OTTAWA INDIANS (NATURAL RESOURCES DEPT)

24-AUG-18 15:23 (231)7231594

MACKINAC COUNTY EMERGENCY MGMT (COMMAND CENTER)

24-AUG-18 15:23 (906)4301466

MICHIGAN ARMY NATIONAL GUARD (DEPARTMENT OF MILITARY AND VETERANS AFFAI

24-AUG-18 15:23 (517)4818247

MICHIGAN DEPT OF COMMUNITY HEALTH (HSEES)

24-AUG-18 15:23 (517)3358364

MI INTELLIGENCE OPERATIONS CENTER (FUSION CENTER)

24-AUG-18 15:23 (517)2418000

MI INTELLIGENCE OPERATIONS CENTER (CIP DESK)

24-AUG-18 15:23 (517)3350262

NTL ENVMTL EMERG CENTRE CANADA (MAIN OFFICE)

24-AUG-18 15:23 (514)2832333

NATIONAL INFRASTRUCTURE COORD CTR (MAIN OFFICE)

24-AUG-18 15:23 (202)2829201

NOAA RPTS FOR MI (MAIN OFFICE)

24-AUG-18 15:23 (206)5264911

OHIO EMERGENCY MGMT AGENCY (WATCH OFFICE)

24-AUG-18 15:23 (614)7996500

RED CLIFF BAND LK SUPERIOR CHIPPAWA (TREATY NATURAL RESOURCES DIVISION)

24-AUG-18 15:23 (715)7793700

OFFICE OF ENV. POLICY & COMPLIANCE (MAIN OFFICE)

24-AUG-18 15:23 (215)5975012

MICHIGAN DEQ (MAIN OFFICE)

24-AUG-18 15:23 (800)2924706

MICHIGAN DEQ (MAIN OFFICE 2)

24-AUG-18 15:23 (517)9305784

USCG DISTRICT 9 (COMMAND CENTER)

24-AUG-18 15:23 (216)9026109

ADDITIONAL INFORMATION

CALLER STATED THIS HAS BEEN GOING ON SINCE THE 1980'S

*** END INCIDENT REPORT #1222589 ***

Report any problems by calling 1-800-424-8802

PLEASE VISIT OUR WEB SITE AT

<https://na01.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.nrc.uscg.mil&data=02%7C01%7C%7C7cc170493e9440d9520b08d609f6f2fb%7Cd5fb7087377742ad966a892ef47225d1%7C0%7C0%7C636707353570476690&data=xA5JsgmxE9Ri6oXKlyldqiwt5fz5a6nh1Ut9OM%2F7Pw4%3D&reserved=0>



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
 SOUTHEAST MICHIGAN DISTRICT OFFICE
 27700 DONALD COURT
 WARREN, MICHIGAN 48092-2793

*** LANSING MI 488 10/31/18 ***

Ford Motor Company
 Attn: Mr. Todd Walton
 Fairlane Plaza North, 8F
 290 Town Center Drive
 Dearborn, MI 48126

ITD-SEE 48126

