City of Springfield

Memo

To: Randy Lyman

From: Gene Pabst GP

CC:

Date: 08/29/01

Re: Diesel fuel spill at Hiland Dairy

On August 29, 2001, at approximately 3:00 P.M., I received a voice message from Randy Lyman. This voice message was forwarded to me. It was a call from Dan Leyland, DNR, stating that he had a complaint of diesel fuel leaving the fueling area at Hiland Dairy (Howard Ave. & Kearney St.). I went to that site at 3:30 P.M. and found no evidence of a diesel fuel spill. The concrete area around the diesel dispensers was a little black in color, but there was no evidence of any fresh diesel fuel. There was no evidence of diesel fuel along the curb line, nor was there any diesel fuel in the storm box on Howard St. just North of Kearny. The storm water detention, area for the Hiland's vehicle maintenance garage, showed no evidence of any type of spill. I drove around the Hiland plant and found no evidence of diesel fuel either spilled on their property or leaving their property. I called Dan Leyland at 4:00 P.M. to inform him of my investigation. He was not in the office so I left him a message.

1133 E. Kearney

Interoffice

Memo

CITY of SPRINGFIELD

To: Hiland Dairy file
Date: March 27, 1998
From: Randy Lyman, Pretreatment Coordinator
Re: Stormwater discharge in the 2400 block N. Kellett
CC: Ed Malter, Bob Schaefer, Gene Pabst, Health Dept., MoDNR.

Jerry Jackson of the I&I section informed me yesterday evening late that while working in the area they had observed and had complaints from residents in the 2400 blocks of N. Kellett and N. East of cloudy, smelly, scummy water in the storm drainage ditch. One of the residents said that this happens periodically and that it comes from Hiland Dairy. I told Jerry that we would take a look at this area because of our familiarity with Hiland and similar problems in the last 20 years +. I told Jerry that the heavy rains last week should have thoroughly flushed out the storm sewer system in that area and that I strongly suspected a recent event to be responsible for this situation. I told Jerry that since Gene Pabst was out on personal leave for most of the week that I would try to make an inspection on Friday morning.

Friday morning I made an inspection of the storm sewer in the 2400 of N. Howard, where Hiland's stormwater discharge would leave their property. I removed a cover near the sidewalk on the side of the street over a curb inlet. There I observed cloudy, smelly, scummy water pooled in the curb inlet. There was no movement of water at this time. I could observe no outside activity at Hiland Dairy during my inspection that would contribute to this problem. I contacted Mr. Ken Sutherland and informed him of the problem and asked that he check the specially constructed contaminated stormwater pump arrangement on the east side of their facility for a problem or failure that could cause the discharge in question. Mr. Sutherland said that they surely would and

1133 E. KEARNEY

stated that they had washed vehicles on the east side of the building all day long yesterday due to the nice weather we experienced. As I talked with Mr. Sutherland in the lobby he called and dispatched a maintenance person to check the contaminated stormwater pump system. Mr. Sutherland and I recalled that usually there is a problem with this system when we have this condition in the storm sewer serving the Hiland facility. I gave Mr. Sutherland my phone number and asked that he call me when a determination was made on the status of the pump system. This system is designed to pump contaminated stormwater to our sanitary sewer system until a float system detects an appreciable precipitation event, at which time the pump becomes inoperable and the level of water is allowed to rise in the collection vessel until it overflows through a connection into the storm sewer conveyance running through the Hiland Dairy property. If the pump motor loses power, burns out, or the pump becomes clogged or jammed for any reason, the pump may become inoperable and allows undesirable contaminated water or wastewater to enter the storm sewer system. I returned to the office around 11:15 a.m.

Just before 12:00 noon I received a call from Mr. Sutherland at Hiland and he indicated that the pump motor in the system described above had burned up and that they were changing the motor as we were speaking. I recall that in the past, they usually keep a spare motor on hand for such occasions. This should take care of the problem. As I was writing this memo a heavy thunderstorm was moving through the area and the weather folks were calling for 100% coverage of the area for rainfall. This undoubtedly diluted and flushed out the storm sewer system affected by this discharge.

C:\MyFiles\1133ekearney.wpd

City of Springfield
Water Pollution Control Section
Pollution Complaint/Report Form

Date 5/21/93

Report From:
- ☐ Citizen
- ☐ Fire Dept
- ☐ Sewer Maintenance
- ☒ Other Health Department

Received By: Julie Boswell
Referred To: Karen Chandler
Date of Incident: 5/21/93

Complainant Information:
Name
Address
Phone

Responsible Party Information:
Name Neland Dairy
Address 1133 E. Kearney
Phone 862-9311

Directions(if needed)

Possible contamination of: ☐ soil ☐ groundwater ☐ surface water what body? ☐ other

Other Pertinent Information We received a complaint by the Health Department that there was milk in the ditch at 2441 N. East Avenue

Who to contact:

☐ DNR 417-883-4033	☐ Bob Schaefer	☐ Sewer Const
☐ DNR 314-634-2436	☐ CU 831-8320	☐ Chemtrec 800-424-9300
☐ EPA 913-236-3378	☐ Street Dept	☐ DOT
☐ Fire Dept 864-1719	☒ Health Dept	☐ NRC 312-790-5500
☐ Police Dept 864-1719	☐ Sewer Maint	☐ Other

Details of Incident:

Action needed: I checked the storm boxes on N East Avenue and there was a little foul smelling grayish water standing in them. I went to Kellogg Street and looked in the storm ditch, but it was dry. I went to Howard Street & looked in the storm boxes next to Hilands west parking lot. There was some foul smelling grayish water sitting in the northern storm box. I looked in the sump pit from the truck washing operation & it appeared to be working. I left ones to the west parking lot.

1133 E. KEARNEY

Investigation Results

I could see where a little water had run into the trench drain & there was some water standing in the trench drain. It's possible something was washed off into this trench drain.
According to Randy Lyman's instructions, I referred this body to the Health Department

To Gene/Karen

Date 12-14 Time 8:50 By

While You Were Out

Mr./Mrs./Ms. Ann Fearman

Of

- [ ] Telephoned
- [ ] Called to See You
- [ ] Will Call Again
- [ ] Wants to See You
- [ ] Please Call Him/Her
- [ ] Rush!

Phone 1415

Message

Got a Call Fri afternoon (12-11) about runoff from Hiland. Call came from 2440 NE and.

City of Springfield
Water Pollution Control Section
Pollution Complaint/Report Form

Date 12/14/92

Report From:
- [ ] Citizen
- [ ] Fire Dept.
- [ ] Public Information Office
- [x] Health Department Ann Fearman
- [ ] Other

Received By: Julie Boswell
Referred To: Baen Chandler
Date of Incident: 12/11/92

Complainant Information:
Name
Address 2440 N. East.
Phone
Directions (if needed):

Responsible Party Information:
Name Hiland Dairy
Address 1133 E. Kearney
Phone 862-9311

Possible contamination of:
- [ ] soil
- [x] groundwater
- [ ] surface water what body?
- [ ] other

Other pertinent information:

Who to contact:
- [ ] DNR 417-837-6950
- [ ] DNR 314-634-2436
- [ ] EPA 913-236-3778
- [ ] Fire Dept. 864-1719
- [ ] Police Dept. 864-1719
- [ ] Bob Schaefer
- [ ] CU 831-8320
- [ ] Street Dept.
- [x] Health Dept.
- [ ] Sewer Maintenance
- [ ] Sewer Construction
- [ ] Chemtrec 1-800-424-9300
- [ ] DOT
- [ ] NRC 1-800-424-8802
- [x] Other Hiland

Details of incident: The Health Dept. got a call from the residents at 2440 N. East Avenue on Friday, December 11, 1992 about runoff from Hiland. The Health Dept. referred the call to this office on Monday, December 14, 1992.

Action needed: Contact Hiland and see if they had any problems with their pump on Friday.

(over) ADDRESS 1133 E. Kearney

Investigation Results

12-14-92 Gene Pabst and I talked to Connie about this complaint. He said Connie Hilaid called him on Friday, about 4:50 pm, concerning a white flow in the storm ditch behind her house. He looked in the ditch and asked Connie to have someone come to pump it and and send the bill to him. He then had some Hilaid personnel turn on a hose in the storm box and flush it and the ditch out. He said when he checked the pump in the sump pit it was working, but there had apparently been a period of time during the day when it was malfunctioning.

City of Springfield
Water Pollution Control Section
Pollution Complaint/Report Form

Date 8/20/92

Report From:
- [ ] Citizen
- [ ] Fire Dept.
- [ ] Public Information Office
- [x] Health Department
- [ ] Other

Received By: ANNE FEARMAN
Referred To: KAREN CHANDLER
Date of Incident: AUGUST 18 OR 19

Complainant Information:
Name ANONYMOUS
Address
Phone
Directions (if needed):

Responsible Party Information:
Name HILAND DAIRY ?
Address 1133 E. KEARNEY
Phone 862-9311

Possible contamination of:
- [ ] soil
- [ ] groundwater
- [ ] surface water what body?
- [ ] other

Other pertinent information: It rained Wednesday, Aug 19, 1992 in the afternoon

Who to contact:
- [ ] DNR 417-837-6950
- [ ] DNR 314-634-2436
- [ ] EPA 913-236-3778
- [ ] Fire Dept. 864-1719
- [ ] Police Dept. 864-1719
- [ ] Bob Schaefer
- [ ] CU 831-8320
- [ ] Street Dept.
- [x] Health Dept.
- [ ] Sewer Maintenance
- [ ] Sewer Construction
- [ ] Chemtrec 1-800-424-9300
- [ ] DOT
- [ ] NRC 1-800-424-8802
- [x] Other HILAND

Details of incident: Anne Fearman contacted me about an anonymous complaint she received concerning polluted water in the storm drain behind the dairy in the 2400 block of N. East.

Action needed: find source

(over) ADDRESS 1133 E. KEARNEY

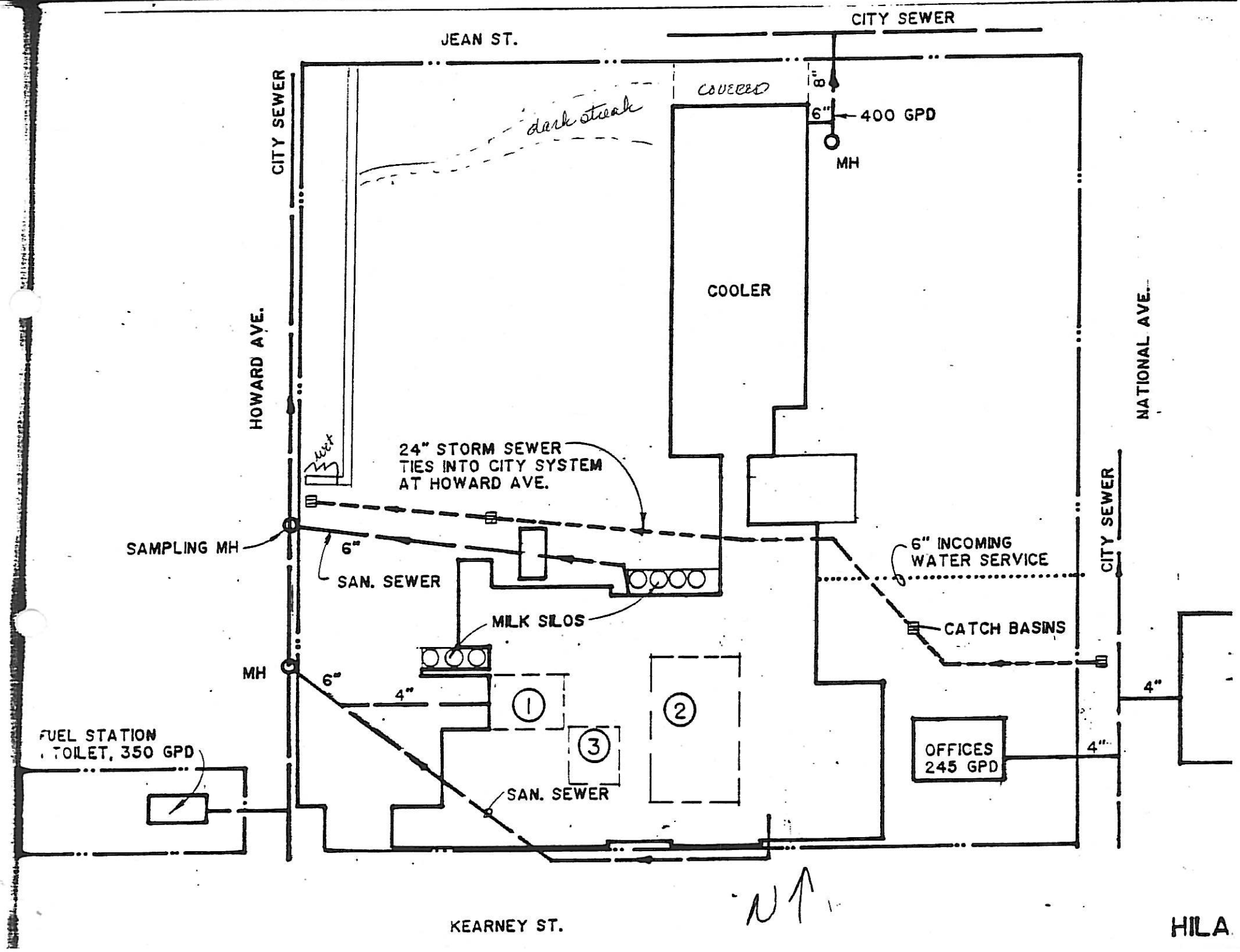
Investigation Results

8/20/92 I looked in the storm ditch behind the Lillards house at 2441 N. East Ave. and there was gray, smelly water standing in puddles in the ditch. I then looked in the storm boxes below Hiland. There was some gray foul smelling water standing in the bottom of the storm box. I looked in the sump pit at Hiland and it appeared to be working properly. I looked on the west side of the lot. There was a dark spot, staining the lot, next to the narrow drainage trench. There was some water standing in one end of the trench. I went in and talked to Sonnie Pumenter to see if anything might have been spilled on the lot. He said he would check and call me back if he found out anything.

8/21/92 I called Anne & told her what I had found out. She asked if we could flush out the ditch. I asked Randy Lyman about it & he suggested Hiland pump it out. I told him there wasn't enough water standing in the storm box or in the ditch to do this.

8/24/92 I called Sonnie Pumenter at Hiland. He didn't know what the dark stain on the lot was. He said they would watch that side of there lot very carefully.

see diagram


CITY SEWER
JEAN ST.
8"
COVERED
6"
400 GPD
MH
dark streak
CITY SEWER
COOLER
HOWARD AVE.
NATIONAL AVE.
24" STORM SEWER
TIES INTO CITY SYSTEM
AT HOWARD AVE.
SAMPLING MH
6"
SAN. SEWER
6" INCOMING
WATER SERVICE
CITY SEWER
MILK SILOS
CATCH BASINS
MH
6"
4"
1
2
3
4"
FUEL STATION
TOILET, 350 GPD
OFFICES
245 GPD
4"
SAN. SEWER
KEARNEY ST.
N
HILA

City of Springfield
Water Pollution Control Section
Pollution Complaint/Report Form

Date 7/30/92

Report From:
- [x] Citizen
- [ ] Fire Dept
- [ ] Sewer Maintenance
- [ ] Other

Received By: JULIE BOSWELL
Referred To: KAREN CHANDLER
Date of Incident: 7/30/92

Complainant Information:
Name MRS. DAY
Address 810 E. JEAN
Phone 866-5377

Responsible Party Information:
Name HILAND DAIRY
Address 1133 E. KEARNEY
Phone 862-9311

Directions(if needed)

Possible contamination of:
- [ ] soil
- [ ] groundwater
- [x] surface water what body?
- [ ] other

Other Pertinent Information

Who to contact:

[ ] DNR 417-883-4033	[ ] Bob Schaefer	[ ] Sewer Const
[ ] DNR 314-634-2436	[ ] CU 831-8320	[ ] Chemtrec 800-424-9300
[ ] EPA 913-236-3378	[ ] Street Dept	[ ] DOT
[ ] Fire Dept 864-1719	[ ] Health Dept	[ ] NRC 312-790-5500
[ ] Police Dept 864-1719	[ ] Sewer Maint	[ ] Other

Details of Incident: MRS. DAY CALLED HERE AT 2:50pm AND SAID HILAND DAIRY WAS POLLUTING THE WATER

Action needed: CHECK STORM DITCH ON KELLETT, CHECK STORM BOX BELOW HILAND. CALL HILAND & SEE IF PUMP IS WORKING

1133 E. KEARNEY

Investigation Results

7/30/92 I GOT BACK TO THE OFFICE ABOUT 3:30 & IMMEDIATELY WENT UP TO LOOK IN THE STORM DITCH ON KELLETT. THE WATER WASN'T FLOWING THERE AT THIS TIME. IT WAS FAIRLY CLEAR & HAD NO ODOR. I LOOKED IN THE STORM BOXES BELOW HILAND DAIRY & THERE WASN'T MUCH WATER IN THEM. THE WATER THAT WAS THERE WAS FAIRLY CLEAR & ODORLESS. IT LOOKED LIKE STREET RUNOFF. I CALLED LONNIE PARMENTER TO ASK ABOUT THE SUMP PIT SYSTEM. HE SAID HE WOULD CHECK ON IT.

7/31/92 I CALLED LONNIE THIS MORNING & HE SAID THE SUMP PIT WAS WORKING NORMALLY. I CALLED MRS. DAY & TOLD HER MY FINDINGS. SHE SAID SHE HAD NOTICED "OILY" & "MILKY" LOOKING WATER IN THE STORM DRAINAGE DITCH BEHIND HER HOUSE A DAY OR TWO BEFORE. I TOLD HER HILAND HAD BEEN CONTACTED & THAT WE CHECKED ON THE STORM SEWER BOXES WHEN WE WERE IN THE AREA.

City of Springfield
Water Pollution Control Section
Pollution Complaint/Report Form

Date 4-5-89

Report From:
- ☐ Citizen
- ☒ Fire Dept
- ☐ Sewer Maintenance
- ☐ Other _____

Received By: Bob Corson
Referred To: Sewer
Date of Incident: 4-5-89

Complainant Information:
Name Fire Department
Address _____
Phone _____

Responsible Party Information:
Name Hiland Dairy
Address 1133 E Kearney
Phone 862-9311

Directions(if needed) _____

Possible contamination of: ☐ soil ☐ groundwater
☒ surface water what body? _____
☐ other _____

Other Pertinent Information _____

Who to contact:

☒ DNR 417-883-4033	☐ Bob Schaefer	☐ Sewer Const
☐ DNR 314-634-2436	☐ CU 831-8320	☐ Chemtrec 800-424-9300
☐ EPA 913-236-3378	☐ Street Dept	☐ DOT
☐ Fire Dept 864-1719	☐ Health Dept	☐ NRC 312-790-5500
☐ Police Dept 864-1719	☐ Sewer Maint	☐ Other _____

Details of Incident: A 3:00 A.M. I received a page call from the Fire Dept. indicating a fuel spill had happened at Hiland Dairy 1133 E Kearney. The spill was located at the Ugarage area on the corner of Kearney and Howard. apparently a Hiland truck spill away from the fuel pump still attached breaking the hose and damaging the pump. The pump showed 88 gallons. There is no way to determine how much went to the storm sewer.

Action needed: _____

1133 E. Kearney

Investigation Results

Clean up was [illegible] the Fire Department and Hiland Dairy with Battalion Chief [illegible] in charge.
Ron McDaniel of Hiland Dairy was informed to contact the DNR and he indicated that he would have Lonnie Parmenter call.
Evidence of diesel fuel in the storm sewer was found as far as East St and Kearney, two blocks away.

Later on 4-6-89 Lonnie Parmenter called concerning the disposal of the fuel soiled saw dust

Public works also provide some man power and saw dust for the clean-up.