

COMPLAINT RECORD

FACILITY ID# 52-SDP-01.72

FILE: Iowa City Landfill

DATE
PENDING COMPLETED

DATE COMPLAINT IS RECEIVED: 10-11-10

COMPLAINT No. 10/10-14

RECEIVED BY: STAFF INITIALS KRL FIELD OFFICE No. 6 OR CENTRAL OFFICE

COMPLAINANT:

NAME: Larry Jewell PHONE: 319-337-0540

ADDRESS: 53 Tucson Pl. COUNTY: Johnson

CITY: Iowa City ZIP CODE: 52246

COMPLAINT AGAINST: Dave Elias

NAME: Iowa City Sanitary Landfill PHONE: 319.356-5185

ADDRESS: 3900 Hebl Ave SW COUNTY: Johnson

CITY: Iowa City ZIP CODE: 52240

PROGRAM AREA:

- WASTEWATER
- FLOODPLAIN
- SOLID WASTE
- WATER SUPPLY
- LUST/UST
- AIR QUALITY
- STORMWATER
- ANIMAL CONFINEMENT (CONFINEMENT)
- ANIMAL CONFINEMENT (OPEN LOT)

STATEMENT OF COMPLAINT:

Odor from landfill is very bad again - wondering if progress is being made.

→ A copy of this will go to Solid Waste Section via email. kk

REFERRED TO: Kurt

BY: Kurt DATE: 10/11/10

IF COMPLAINT IS AFO RELATED:

COUNTY OFFICIAL CONTACTED: _____ DATE: _____ PHONE: _____

ACTION/RESOLUTION AND DATES:

10.11.10 I called Dave Elias, he said they've already tied into existing lines + covered w/ dirt so he hoped odor problem would have lessened. They're starting to install 16 more gas extraction wells now. meeting set for 10/13/10 w/ Dave.

10/13/10 - met Tony, Jon + Dave @ landfill. 16 new Gas Wells have been drilled + landfill gas is venting until connection to flare is complete. Excavated garbage is covered. See attached Report.



STATE OF IOWA

CHESTER J. CULVER, GOVERNOR
PATTY JUDGE, LT. GOVERNOR

DEPARTMENT OF NATURAL RESOURCES
PATRICIA L. BODDY, INTERIM DIRECTOR

October 18, 2010

Dave Elias
Iowa City Sanitary Landfill
3900 Hebl Ave SW
Iowa City, IA 52240

RE: Odor Complaint Investigation
Complaint No. 10/10-14
SDP Permit No. 52-SDP-01-72

Dear Mr. Elias:

On October 11, 2010, this office received an odor complaint filed against the Iowa City Sanitary Landfill.

On October 13, 2010, I met with Jon Thomas, Tony Worrell and you to investigate the complaint and determine what steps have been taken toward alleviating odor issues. Attached you will find a Report of Investigation, which details the outcome of the investigation.

At this time, the IDNR is hopeful that the progress that has been made will eliminate, or at least reduce, offsite odors.

If you have any questions or would like further explanation of any part of this report, please contact me at 319-653-2135.

Sincerely,

FIELD SERVICES & COMPLIANCE BUREAU

A handwritten signature in cursive script that reads "Kurt Levetzow".

Kurt Levetzow
Environmental Specialist Senior

ENCL: Report of Investigation

Klevetz/solidwaste/SDP/2010/Iowa City SDP odor complt 10-10.doc
Picture Filenames: Iowa City SDP odor complt 10-13-10.jpg

xc: DNR - AQB
Iowa City Landfill AQ File
Complainant

IOWA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL SERVICES DIVISION

Field Office 6,
1023 West Madison, Washington, IA 52353-1623
Tel: (319) 653-2135 Fax: 2856

REPORT OF INVESTIGATION

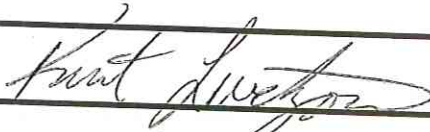
INVESTIGATION DATES: Current: 10/13/10

TO: Dave Elias
3900 Hebl Ave SW
Iowa City, IA 52240

PERSONS CONTACTED:
Dave Elias & Jon Thomas

RE: Landfill gas (odor) complaint investigation
Complaint No. 10/10-14

INSPECTOR: Kurt Levetzow



DATE: 10/15/10

REVIEWER: Paul Brandt



DATE: 10-18-10

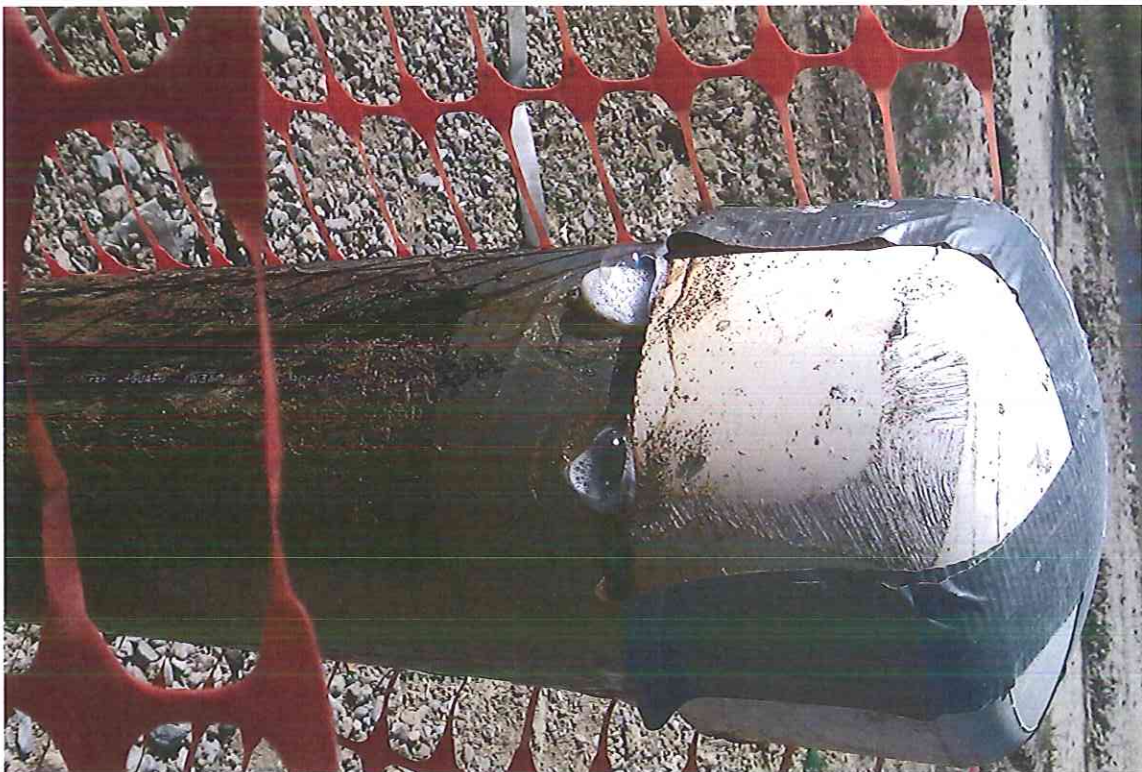
DISTRIBUTION: FIELD OFFICE: CENTRAL OFFICE: INSPECTED FACILITY

OBSERVATIONS/RECOMMENDATIONS:

On 10/11/10, Field Office 6 received a complaint regarding landfill gas odors coming from the Iowa City Landfill. The complainant wanted to know if there has been any progress with fixing the problem.

On 10/13/10, I investigated the complaint by meeting Dave Elias, Jon Thomas, and Tony Worrell at the landfill. We discussed their compliance with NSPS WWS- Standards of Performance for Municipal Solid Waste Landfills, and it appears they are taking the necessary steps at achieving compliance with those rules (monitoring the O₂ and temp of the existing gas wells). We then toured the newly permitted expansion of the landfill that is still under construction. The phase of construction they dreaded would contribute to additional odor has been completed. That phase consisted of digging into existing garbage, moving up to the top of the adjacent cell, and covering with cover dirt. There has been an immensely large volume of dirt moved in preparation for the future cells and this will continue throughout the winter. Between the existing cells, and the area where the new cells will be, the landfill's contractor installed 16 new gas extraction wells. All of the wells are drilled, but not yet hooked up to the main gas header that will carry the gas to the flare. One of the wells is under enough pressure that holes had to be drilled in the top of the cap to allow the gas to escape. Included in the relief of gas, leachate foam was spewing out through the small holes. See attached photos (provided by Dave Elias). The obvious accumulation of leachate in these areas will eventually be collected by the installation of additional leachate collection pipe that will be installed parallel to the 16 new gas wells. None of the observed leachate was running offsite, instead, it was all soaking back into the landfill. Evidence of the gas and leachate spewing from the one particular monitoring well gives hope that once connected to the flare, the odor problem will be relieved.

foam + landfill gas



Iowa
city
Landfill
10/13/10

16 new
Gas wells