



HAZARDOUS MATERIAL SPILLS INFORMATION REQUEST

NIXON RESIDENCE/KEYSPAN

52 LANIER LANE

BAY SHORE, NY NO ZIP PROVIDED

Spill Number: 9613150

Close Date: 06/12/2003

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: 11706

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Affected Persons

Caller Name: NOEL NIXON

DEC Investigator: KMYAGER

Spiller: TED LEISSING - KEYSpan (LILCO)

Notifier Name: SELF

Caller Agency: HOMEOWNER

Contact for more spill info: NOEL NIXON

Spiller Phone: (516) 391-6144

Notifier Phone:

Caller Phone: (516) 665-7037

Contact Person Phone: (516) 391-6144

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;UNKNOWN RP;CORRECTIVE ACTION TAKEN

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | | Penalty Recommended | |
|------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 02/02/1997 | | UNKNOWN | NO | | YES | |
| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
| GASOLINE | PETROLEUM | 0.00 | GALLONS | 0.00 | GALLONS | GROUNDWATER |

Caller Remarks:

CALLER STATED THAT HE HAS A GAS ODOR IN HIS HOUSE. HE HAD AN EPA METHOD 602 (BTEX) ANALYSIS PERFORMED WHICH SHOWED POSITIVE.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "YAGER WELL"

02/05/97 (A): DEC (Gibbons) spoke to Nixon- said that he had a gasoline odor in his house for months. Had and EPA 602 (BTEX) test performed. It supposedly found approx 3800ppb BTEX and 8ppb MTBE.

02/05/97 (B): Has a sump pump in basement to eliminate water. Pump activates every 2 minutes.

02/05/97 (C): "At present, the odors are minimal and not a concern". He is venting house. Advised him to call Suffolk County Health with health concerns.

02/06/97: Gibbons spoke to Mac Consultants (who did the sampling)- requested the data.

02/10/97 (A): DEC (Acampora) on site- immediate area is residential, but there is commercial and retail both to N (upgradient) and to S. **Noted a LILCO facility to N, as well as a Village of Brightwaters facility.**

02/10/97 (B): Met Mr Nixon and inspected basement- did note a slight odor? Has gas stove and dryer, oil heat (tank in basement). Is on public water.

02/10/97 (C): Sump pit is in NW corner of basement. Checked it with HNu- obtained reading of approx 30-35ppm. No readings above background noted in rest of basement.

02/10/97 (D): Pit discharges to sanitary sewer. No sheen on the water but did note odor.

02/10/97 (E): As per Nixon, **they purchased house in Jul96; first noted odors in Oct96.** Had chimney cleaned, etc but could not eliminate odor. Then had Mac take sample of water. Was analyzed by Ecotest.

02/10/97 (F): Advised Nixon to continue venting, contact Suffolk County Health to see if they will check his air quality, and contact his insurance.

02/12/97: Acampora asked Ecotest to take air sample.

02/19/97 (A): Acampora on site- met Mrs Nixon. Odors present in basement "PRIOR TO AND IMMEDIATELY AFTER WATER SAMPLING. NO READINGS IN AMBIENT BASEMENT AIR".

02/19/97 (B): Took 4 water samples (and delivered to Ecotest). Checked sump pit with HNu- approx 30ppm.

02/19/97 (C): Punched holes in ground on N side of street with slam bar. No odor or sheen noted. No readings above background.

02/21/97 (A): **Nixon reported odors in house. DEC (Sottile) responded- "strong odors present".**

02/21/97 (B): DEC hired Fenley & Nicol to install ventilation system.

02/21/97 (C): Advised Nixons that DEC would have investigation performed to determine source.

02/21/97 (D): F&N POINTED OUT "STREAMS" AT COOPER & JOHNSON (TO SW), AND UNION AND COMMUNITY (TO NE) THAT MAY CAUSE UNUSUAL HYDROGEOLOGICAL CONDITIONS.

03/04/97: Sottile, F&N, and Soil Mechanics (subcontractor) on site- began Geoprobe installations.

03/17/97: Sottile met Mr Young (44 Lanier)- said he had noticed odors periodically. Took sample from his sump pit.

03/17/97: Sottile met Mrs Lyons (51 Johnson)- said she had noticed gasoline odor in her garage. DEC did not note any odor at this time.

03/31/97: DEC Reg Spill Engr Gomez letter to LILCO- Geoprobos installed between Nixon and your facility, as well as upgrade of your facility, indicate it to be the source. Request cleanup, and enclose Stipulation for your signature.

03/28/97: **F&N Subsurface Investigation Report- plume coming from NE (in direction of LILCO).**

04/11/97: As per LILCO- Have hired Tyree to investigate. Requested extension of deadline for signing Stipulation.

04/21/97: LILCO letter- Have reviewed F&N's report. LILCO had 19 Geoprobes installed along S side of facility Apr 15-16, and 8 more along N side. Awaiting data. Plan additional on- and off-site work Apr 25th. Request extension of deadline.

05/15/97: DEC (Gomez & Sottile) met with LILCO- LILCO to have their own investigation performed. Hope to have workplan in week or two. Will notify residents.

05/19/97: As per LILCO- UNABLE TO GET FUNDING IN TIMELY FASHION. ASKED DEC TO PROCEED.

05/27/97 (A): LILCO letter- "...HAS REASON TO BELIEVE THAT ITS BRIGHTWATERS YARD IS NOT THE SOURCE, OR THE ONLY SOURCE, OF CONTAMINATION..." Cites presence of MTBE, other spills in area, other petroleum storage sites in area, "unique" hydrogeological conditions, and possibility of channelling of contamination through underground utilities.

05/27/97 (B): Had preliminary "screenings" performed at their yard. Results "...were generally consistent with previous findings documented in the earlier Malcolm Pirnie Remedial Investigation Report". (SEE 8SEP97 ENTRY)

05/27/97 (c): WILL SIGN STIPULATION. Have hired GEI to perform investigation.

06/02/97: LILCO submitted workplan.

06/05/97: LILCO counsel's letter- As per meeting with DEC (Gomez, Legal) enclose draft Corrective Action Plan. REQUEST MODIFICATION OF SOME LANGUAGE IN STIPULATION.

07/28/97 (A): DEC (Sottile, Haas) met with LILCO and their consultant (GEI/Atlantic)- "LILCO SAMPLING RESULTS ARE CONSISTENT WITH DEC FINDINGS". LILCO believes source to be in area of former "H-fuel" tank and pump. This tank was removed in 1976.

07/28/97 (B): LILCO to investigate vertical migration of contamination. Will submit remediation plan.

08/04/97: In response to comments from the 28Jul meeting, LILCO submitted proposed plan for investigating vertical extent of plume.

09/08/97: GOMEZ LETTER TO HAZ WASTE REMEDIATION (ALBANY)- WE WERE RECENTLY INFORMED YOU HAD INVESTIGATED LILCO'S FACILITY. INFORMS THEM OF SPILL'S INVESTIGATION. SPILL'S INVESTIGATION AGREES WITH YOURS THAT THERE ARE TWO PETRO PLUMES EMANATING FROM THE SITE.

09/11/97: LILCO counsel's letter- Enclose draft Correction Action Plan. Again proposed 2 language changes.

11/13/97: Gomez letter- Enclose revised Stipulation with one language change. Also enclose Corrective Action Plan with proposed changes.

11/26/97: LILCO submitted signed Stipulation.

12/04/97: Gomez sent Executed Stipulation to LILCO.

12/12/97: LILCO submitted Interim Investigation Report and Supplemental Work Plan.

01/09/98: Sottile letter to LILCO- comments on Work Plan.

01/15/98: Berninger Environmental letter to Nixon- comments on GEI's Interim Investigation Report.

01/22/98: Received odor complaint from Mr Melakoff (23 Lanier). Advised LILCO.

02/02/98: LILCO letter- Confirms agreed upon changes to Work Plan.

02/18/98: Nixon- much water in basement. DEC advised LILCO.

03/19/98: Nixon- odors have returned.

03/20/98: DEC (Sottile & Cirrito) at Nixon's- Approx 2-3" water in basement, but no odors at this time. Will inspect again with LILCO.

03/24/98: Sottile on site with LILCO. Will modify vent system.

03/25/98: Sottile, Cirrito, and LILCO on site- checking vent system.

07/20/98: Subsurface Investigation Report by GEI (LILCO'S consultant).

07/21/98: Engineering Evaluation of Remedial Options by GEI.

6/13/03 FILE INACTIVE