

Case Study: A Fentanyl Incident

Notification, Response, and
Remediation. A Local Jurisdiction's
Perspective.



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A National Problem at Home

A residential home with an active clandestine drug lab found inside Marion County, IN (suspected fentanyl)



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Marion County Public Health Department

Notification



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Notification

- * Saturday October 28th, 2017 2:45 pm
- * Call from Indianapolis Fire Department
- * Request for HazMat support
- * Reported as “drug lab”



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Arrival on scene

Situational Brief



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Situational Brief

- * IEMS called for medical run
- * Found individual unresponsive
- * Found white powder all over room
- * Contacted IMPD
 - * IMPD Narc unit arrives
 - * Calls for support from ISP Meth Suppression Unit
 - * Calls IFD for assistance

Situational Brief

- * IFD requests MCPHD
 - * Individual removed from home
 - * Home owned by individuals grandmother
- ISP Meth Suppression Unit processing “evidence” inside home.
- Concerns over leaving home after evidence removed

Situational Brief

- * Field screening
 - * VERY limited field screening was performed by law enforcement prior to arrival
 - * Limited information related to the field screening was available
 - * Information gathered from field screening indicated “Fentanyl”



Dodgers

Princess of Learning State

Hoover
PowerStor[®]
Cordless







Cornstarch
Baby Powder

MEN

Deliverance

DELIVERANCE

zoi
Leg



Capacity: 9.9 lb / 4.5 kg
0.1g
0.05g
DYMO
Kitchen Scale
ON/OFF
MODE
Model: 8023

LACOSTE

MO
MOL

Information collection and review

Remediation



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Remediation

- * What do we do with the home after Indiana State Police release it?
- * How do we protect the home owners and the public from contamination?
- * How do we remove the contamination?
- * How do we know when it is “safe” to go back inside the home i.e. “Release of Interest”?

Remediation

- * Issue a Notice of Violation

- * Immediately file case for court to obtain court order to vacate property

Work closely with property owner and family to assist with remediation of home

Work with contractor during remediation

Determine when to release interest in home

Remediation (Regulations)

- * 410 IAC Article 38(318 IAC Article 1) - INSPECTION AND CLEANUP OF PROPERTY CONTAMINATED WITH CHEMICALS USED IN THE ILLEGAL MANUFACTURE OF A CONTROLLED SUBSTANCE
- * H&H Code Chapter 20 Hazardous Materials and Chapter 10 Housing
- * Use of a Qualified Inspector per 410 IAC Article 38

Remediation

- * Indiana Poison Control (Dr. Jim Mowry, Dr. Louise Kao)
- * US Environmental Protection Agency
- * Indiana State Department of Health
- * Indiana State Police
- * Agency for Toxic Substances and Disease Registry



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Remediation

- * Property Decontamination Protocol
 - * PPE for QI
 - * Procedures
 - * Negative Pressure like asbestos
 - * Naloxone on site at all times
 - * Decontamination Solution
 - * Apple Environmental Meth Remover Part 1 and Part 2
- * Sample testing method

Remediation

- * Property Decontamination Protocol
- * All contents of home removed
 - * Non-porous items washed with two part solution
 - * Porous items pre-sprayed and disposed of
- * Removal of bulk Fentanyl and residue by dry vacuuming with HEPA filtration
- * Wash down of entire home (Three washes)

Remediation

- * Disposal of material
 - * Does Fentanyl meet RCRA hazardous waste per 40 CFR Part 261
- * Final Decontamination Level
 - * 410 IAC Article 38 lists 9 chemicals... guess what is NOT on that list?
 - * Final Decontamination Level 0.5 ug/100cm²

Remediation

- * Final Decontamination Level
 - * Lab LDL for Fentanyl was 0.1 ug/100cm²
 - * After much discussion this was adopted as the Final Decontamination Level
 - * 12 initial samples taken (All positive)
 - * 14 final samples taken (All negative)
 - * Final Report
 - * QI Certificate of Illegal Drug Lab Cleanup

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