



To get the most from this presentation... set your



to silent-startle, excite or vibrate.

HOLY GRAIL FOR ONSITE SYSTEM INSPECTIONS

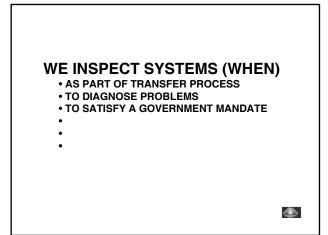
THE INSPECTION REPORT SHOULD HAVE ONLY ONE INTERPRETATION AND MEANING REGARDLESS OF THE INSPECTOR OR HIS CLIENT'S INTEREST IN THE PROPERTY.

TELL ME: WHY DO WE INSPECT SYSTEMS?

WE INSPECT SYSTEMS (WHY)

- TO GATHER KNOWLEDGE
- TO DRAW CONCLUSIONS
- TO IDENTIFY REPAIR & SERVICE NEEDS
- TO PROTECT PROPERTY VALUE • TO PROTECT THE ENVIRONMENT
- TO AVOID...
- •
- •

TELL ME: WHEN DO WE INSPECT SYSTEMS?



SHARED DESIRED OUTCOMES -

KNOWLEDGE

- REACH ACTIONABLE CONCLUSIONS
- CONSISTENCY OF PROCESS
- CONSISTENCY OF CONCLUSIONS
- SATISFY DUE DILIGENCE

DESIRED OUTCOMES –

- KNOWLEDGE
- REACH ACTIONABLE CONCLUSIONS
- CONSISTENT PROCESS BY ALL
- INSPECTORS
- CONSISTENCY OF CONCLUSIONS
- •SATISFY DUE DILIGENCE
 - THE LEAST I NEED TO DO TO SURVIVE A LAWSUIT

VARIABLE DESIRED OUTCOMES

- REALTOR CAN I SELL IT?
- BUYER CAN I LIVE IN IT?
- LENDER CAN I GET MY MONEY OUT OF IT?
- GOVERNMENT IS THERE A VIOLATION?
- INSPECTOR ???

VARIABLE DESIRED OUTCOMES

- REALTOR CAN I SELL IT?
- BUYER CAN I LIVE IN IT?
- LENDER CAN I GET MY MONEY OUT
- GOVERNMENT IS THERE A VIOLATION
- INSPECTOR OUTCOMES TELL ME???

VARIABLE DESIRED OUTCOMES

- REALTOR CAN I SELL IT?
- BUYER CAN I LIVE IN IT?
- LENDER CAN I GET MY MONEY OUT
- GOVERNMENT IS THERE A VIOLATION
- INSPECTOR OUTCOMES
 PROTECT MY CUSTOMERS' INTEREST

VARIABLE DESIRED OUTCOMES

- REALTOR CAN I SELL IT?
- BUYER CAN I LIVE IN IT?
- LENDER CAN I GET MY MONEY OUT
- GOVERNMENT IS THERE A VIOLATION
- INSPECTOR PROTECT MY CUSTOMERS INTEREST GENERATE REFERRALS

WHO DOES NOT DO INSPECTIONS?

- GOVERNMENT CERTIFIED COMPANY
- GOVERNMENT CERTIFIED INDIVIDUAL
- CERTIFIED INDIVIDUAL
- TRAINED INDIVIDUAL
- INSTALLERS
- PUMPERS
- REGULATORS
- GAL W/ A PROBE & CLIPBOARD

WHO DOES INSPECTIONS?

- GOVERNMENT CERTIFIED COMPANY
- GOVERNMENT CERTIFIED INDIVIDUAL
- CERTIFIED INDIVIDUAL TRAINED INDIVIDUAL
- INSTALLERS
- PUMPERS
- REGULATORS
- GAL W/ A PROBE & CLIPBOARD
- OTHERS?

WHO DOES INSPECTIONS?

WHICH WOULD YOU HIRE?

- GOVERNMENT CERTIFIED COMPANY
- GOVERNMENT CERTIFIED INDIVIDUAL

WHO DOES INSPECTIONS? ARE THESE THE SAME? ARE THEY MUTUALLY *INCLUSIVE*? • CERTIFIED INDIVIDUAL • TRAINED INDIVIDUAL

TELL ME -WHAT DOES <u>CERTIFIED</u> MEAN?

TELL ME – IS BEING <u>CERTIFIED</u> ENOUGH?

WHAT IS INSPECTED?

- FROM FOUNDATION TO LAST COMPONENT • FROM PROPERTY LINE TO PROPERTY LINE
- WHAT ELSE?

WHAT IS INSPECTED?

• FROM FOUNDATION TO LAST COMPONENT • FROM PROPERTY LINE TO PROPERTY LINE OTHER?

ARE YOU A CREDENTIALED

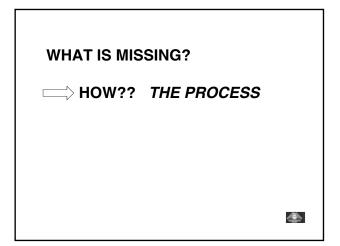
- ELECTRICAL CODE INSPECTOR?
- PLUMBING CODE INSPECTOR?

HOW DO YOU DO AN INSPECTION

- LOCATE
- OBSERVE
- MEASURE
- COMPARE TO ... COMPARE TO WHAT?
- CONCLUDE
- REPORT

WHAT WE KNOW (SO FAR) WHEN WHY WHERE WHO WHAT HOW	
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WHAT IS MISSING?

HOW?? THE STANDARD

SHOULD THE <u>PROCESS</u> DIFFER BY INSPECTOR?

- GOVERNMENT CERTIFIED
- CERTIFIED INDIVIDUAL
- TRAINED INDIVIDUAL
- INSTALLERS
- PUMPERS
- REGULATORS
- GAL W/ A PROBE & CLIPBOARD

SHOULD THE <u>STANDARDS</u> DIFFER BY INSPECTOR?

- GOVERNMENT CERTIFIED
- CERTIFIED INDIVIDUAL
- TRAINED INDIVIDUAL
- INSTALLERS
- PUMPERS
- REGULATORS
- GAL W/ A PROBE & CLIPBOARD

SHOULD THE <u>CONCLUSIONS</u> DIFFER BY INSPECTOR?

- GOVERNMENT CERTIFIED
- CERTIFIED INDIVIDUAL
- TRAINED INDIVIDUAL
- INSTALLERS • PUMPERS
- REGULATORS
- GAL W/ A PROBE & CLIPBOARD





IN MOST PLACES ... A PRE-SALE INSPECTION STARTS OUT AS A PRIVATE TRANSACTION ... THAT CAN DRIVE PUBLIC POLICY DECISIONS

TELL ME -WHY ARE INSPECTIONS A PUBLIC POLICY ISSUE?

WHY ARE INSPECTIONS A PUBLIC POLICY ISSUE?

• PRIVATE SYSTEMS ≠ PUBLIC PROPERTY

WHY ARE INSPECTIONS A **PUBLIC POLICY ISSUE?**

• *PRIVATE* SYSTEMS ≠ *PUBLIC PROPERTY*

SYSTEMS ARE

- PRIVATELY OWNED
- PUBLICALLY ESSENTIAL • INFRASTRUCTURE

WHY ARE INSPECTIONS A **PUBLIC POLICY ISSUE?**

- PRIVATE SYSTEMS ≠ PUBLIC PROPERTY
- SYSTEMS ARE
 - PRIVATELY OWNED
 - PUBLICALLY ESSENTIAL
 - INFRASTRUCTURE

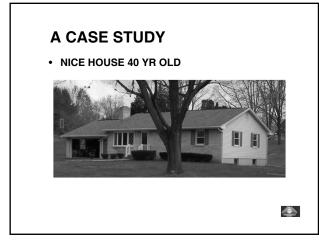
THE PUBLIC RELIES ON THEM!

WHY ARE INSPECTIONS A **PUBLIC POLICY ISSUE?**

- PRIVATE SYSTEMS ≠ PUBLIC PROPERTY
- SYSTEMS ARE
- - PRIVATELY OWNED
 - PUBLICALLY ESSENTIAL
 - INFRASTRUCTURE

THE PUBLIC RELIES ON THEM! THE PUBLIC CANNOT AFFORD TO REPLACE IT!

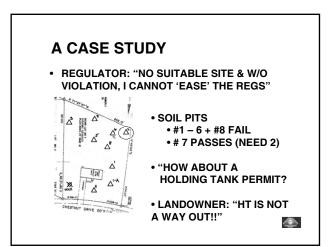






A CASE STUDY • ONSITE SYSTEM "IN COMPLIANCE" • REPORT: "SYSTEM IS "UNSATISFACTORY" IMPACTS • LENDER BALKS • BUYER WALKS • REGULATOR SQUAKS

"APPLY FOR PERMIT, BUT W/O VIOLATION I CANNOT 'EASE' THE REGS"



A CASE STUDY RECAP

- "UNSATISFACTORY" & 100% IN COMPLIANCE
- NO PRMITTABLE SITE

BASIS FOR UNSATISFACTORY -

- "NO DRY AGGREGATE" = UNSATISFACTORY
- DEP IS SILENT ON PONDED AGGREGATE

LANDOWNER SEES NO WAY OUT; NO ROUTE TO "SOLD"

IS THIS AN ACCEPTABLE OUTCOME?

A CASE STUDY RECAP

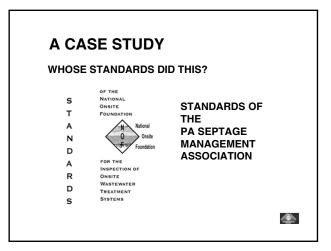
- "UNSATISFACTORY" & 100% IN COMPLIANCE
- NO PRMITTABLE SITE

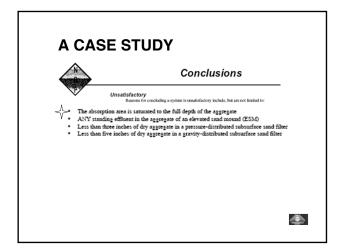
BASIS FOR UNSATISFACTORY -

- "NO DRY AGGREGATE" = UNSATISFACTORY
- DEP IS <u>SILENT</u> RE: PONDED AGGREGATE

LANDOWNER SEES NO WAY OUT; NO ROUTE TO "SOLD"

WHOSE STANDARDS DID THIS?





A CASE STUDY

WHY THE <u>CONFLICT</u>?

- DEP: PONDING NOT IN PA REGS
- PSMA: PONDING MEANS FAILURE
- REGULATOR CANNOT OVERTURN "REPORT"
- PSMA CAN'T FORCE A DEP "POSITION" CHANGE

TELL ME –

WHAT IS THE PROBLEM HERE?

A CASE STUDY

IS THE PROBLEM . . .

DEP'S POSITION?

PSMA'S POSITION?

OTHER - WHAT?

A CASE STUDY

CONFLICT RESOLUTION

- REGULATOR HAS NO FLEXIBILITY
- REGULATOR IS NOT PROBLEM SOLVER

NO RESOLUTION

LANDOWNER LEFT ON OWN

A CASE STUDY: RESOLUTION

• #1 LOOK SOME MORE - PIT 7 IS GOOD

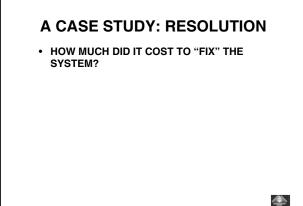


VERIFY 7 OPEN 2 NEW PITS 9 IS GOOD; 10 IS NOT

DESIGN BETWEEN 7 + 9

GET PERMIT

HOLD PERMIT TILL NEEDED SELL HOUSE & TRANSFER PERMIT



A CASE STUDY: RESOLUTION

• DID THE FIX FIX ANYTHING?

A CASE STUDY: RESOLUTION

• IS THIS AN ACCEPTABLE RESULT?

A CASE STUDY: RESOLUTION

- HOW MUCH DID IT COST TO "FIX" THE SYSTEM?
- DID THE FIX FIX ANYTHING?
- IS THIS AN ACCEPTABLE RESULT?
- HOW CAN THE PROCESS BE FIXED?

ESSENTIAL ELEMENTS

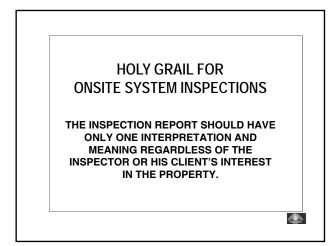
- CLEAR, UNEQUIVOCAL LANGUAGE
- STANDARDIZED PROCESS
- TEACH "WHAT TO LOOK FOR" & "HOW TO DISCOVER OR RECOGNIZE" SKILLS
- PRESCRIPTIVE CONCLUSIONS W/OUT INTERPRETATION
- LEAVE NO DOUBT NO WEASEL WORDS
- STANDARDS & REGS MUST WORK TOGETHER

STANDARDS & REGS MUST -

- WORK TOGETHER
- NEVER CREATE GRIDLOCK
- NEARLY NEVER = HT

CLEAR & UNEQUIVOCAL

- PUBLISH DEFINITIONS
- PUBLISH ILLUSTRATIONS
- PRESCRIPTIVE LANGUAGE
- PRESCRIPTIVE CONCLUSIONS
- BE EXPLICIT: IF YOU FIND "X" YOU *MUST* REPORT "Y"



HOLY GRAIL FOR ONSITE SYSTEM INSPECTIONS

FOR A GIVEN SITE, MULTIPLE INSPECTION REPORTS SHOULD BE ESSENTIALLY IDENTICAL REGARDLESS OF WHICH INSPECTOR DOES THE WORK AND WRITES THE REPORT.

GSD&I says:

- Here in New Hampshire, many unqualified persons are conducting septic system inspections and may be subjecting property owners to unnecessary repairs or replacement and incorrect diagnosis.
- There are no universally accepted industry standards or procedures for inspections and no standard (condition) rating system.



http://www.certifiedsepticevaluator.org/

IF GSD&I IS CORRECT

- IN NEW HAMPSHIRE...
- UNNECESSARY REPAIRS ARE BEING REQUIRED
- INCORRECT CONCLUSIONS ARE MADE

BECAUSE THERE ARE

- NO UNIVERSAL STANDARDS
- NO STANDARD CONDITION RATING SYSTEM

IF GSD&I IS CORRECT WHAT MUST GSD&I DO? WHAT CAN GSD&I DO?

GSD&I MUST –

LIKE THAT PA REGULATOR, I CANNOT TELL YOU WHAT TO DO

GSD&I MUST -

LIKE THAT PA REGULATOR I CANNOT TELL YOU WHAT TO DO

I HOPE I HAVE SHOWN YOU WHAT TO AVOID

THANK YOU!

