

RECEIVED APR 5 1995

428 Henry St.

Richard Scott P.E.
31 Shutesbury Rd.
Pelham, MA 01002

March 31, 1995

Jonathan Hill
c/o Marilyn Patton
D. H. Jones Real Estate
200 Triangle Street
Amherst, MA 01002

Subject: Septic System Inspector 428 Henry Street Amherst

I have completed an inspection of the septic system at the subject property conducted together with pumping of the tank by Ray Bosara of Ray's Excavating.

All activities have been carried out and the inspection documentation has been completed in accordance with the provisions of the 1995 Title 5. I have mailed a copy of the report to Dave Zarozinski at the Amherst Health Department. By regulation, only the Health Department, buyer and seller are required to receive copies. Other copies are enclosed here for your distribution. This should allow your completion of the sale.

I don't believe the Board of Health will take action other than filing this documentation. This property does however have a deep leach pit so they may impose a reinspection at some later date.

As with all inspections, there can be no guarantee of how well or how long this system will function with the new occupants. If use is comparable to that of the previous occupants, then I expect the system to function properly for an indefinite period of time.

If you, the buyers or others have questions on any aspect of the inspection or the report, please contact me. The best time is in the evenings at (413) 256-0647.

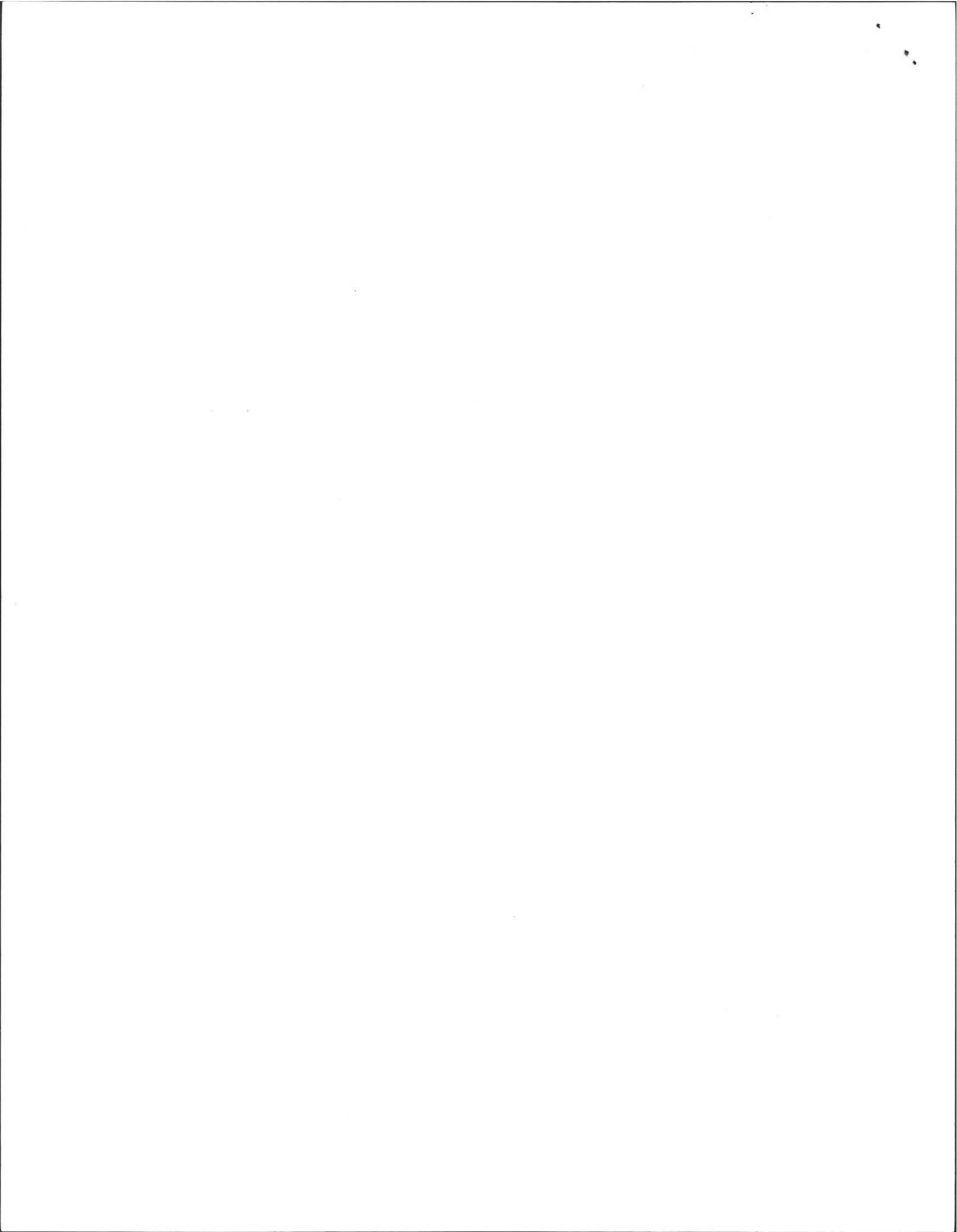
Sincerely,



Richard Scott, P.E.

Encl.

cc: Health Department - Dave Zarozinski
Susan Alward c/o Marilyn Patton
Marilyn Patton (three additional copies)



SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM
PART B
SYSTEM INFORMATION

FLOW CONDITIONS

If residential

3 number of bedrooms
1 number of current residents
No garbage grinder, yes or no
Yes laundry connected to system, yes or no
No seasonal use, yes or no

If nonresidential, calculated flow:

Water meter readings, if available:

_____ Last date of occupancy

GENERAL INFORMATION

Pumping records and source of information:

PUMPED LAST IN APPROX. 1987 PER RAY BOSARA OF RAY'S EXCAVATING

Yes System pumped as part of inspection, yes or no
if yes, volume pumped 1000 GAL. FROM SEPTIC TANK
Reason for pumping: < 200 GAL FROM LEACH PIT
SOLIDS ACCUMULATION IN SEPTIC TANK

Type of system

— Septic tank/distribution box/soil absorption system
— Single cesspool
— Overflow cesspool
— Privy
— Shared system (yes or no) (if yes, attach previous inspection records, if any)
✓ Other (explain) SEPTIC TANK (NO D-BOX) LEACH PIT

Approximate age of all components. Date installed, if known. Source of information:

APPROX. 1975 (20 YEARS OLD) PER OWNER, JONATHAN HILL

No Sewage odors detected when arriving at the site, yes or no

SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM

Address of property 428 HENRY ST. AMHERST
Owner's name JONATHAN HILL % MARILYN PATTON, D.H. JONES, R.E.
Date of Inspection 3-30-95

PART A
CHECKLIST

Check if the following have been done:

- Pumping information was requested of the owner, occupant, and Board of Health.
- None of the system components have been pumped for at least two weeks and the system has been receiving normal flow rates during that period. Large volumes of water have not been introduced into the system recently or as part of this inspection.
- N/A As built plans have been obtained and examined. Note if they are not available with N/A.
- The facility or dwelling was inspected for signs of sewage back-up.
- The site was inspected for signs of breakout.
- All system components, ⁱⁿ excluding the SAS, have been located on the site.
- The septic tank manholes were uncovered, opened, and the interior of the septic tank was inspected for condition of baffles or tees, material of construction, dimensions, depth of liquid, depth of sludge, depth of scum.
- The size and location of the SAS on the site has been determined based on existing information or approximated by non-intrusive methods.
- The facility owner (and occupants, if different from owner) were provided with information on the proper maintenance of SSDS.

SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM
PART B
SYSTEM INFORMATION continued

SOIL ABSORPTION SYSTEM (SAS): Yes

(locate on site plan, if possible; excavation not required, but may be approximated by non-intrusive methods)

LEACH PIT IS 60" DIA X 42" EFF. DEPTH
EFF LEVEL WAS 12" SO AVAILABLE
CAPACITY WAS 30" APPROX. 400 GAL.
- 4 DAYS FLOW -

If not determined to be present, explain:

Type
leaching pits and number
leaching chambers and number
leaching galleries and number
leaching trenches, number, length
leaching fields, number, dimensions
overflow cesspool, number

ONE - 60" DIA X 42" EFF. DEPTH

Comments:

(note condition of soil, signs of hydraulic failure, level of ponding, condition of vegetation, recommendations for maintenance or repairs, etc.)

NO APPARENT PROBLEMS.

CESSPOOLS (locate on site plan):

number and configuration
depth-top of liquid to inlet invert
depth of solids layer
depth of scum layer
dimensions of cesspool
materials of construction
indication of groundwater
inflow (cesspool must be pumped as part of inspection)

Comments:

(note condition of soil, signs of hydraulic failure, level of ponding, condition of vegetation, recommendations for maintenance or repairs, etc.)

PRIVY:

(locate on site plan)

materials of construction
dimensions
depth of solids

Comments:

(note condition of soil, signs of hydraulic failure, level of ponding, condition of vegetation, recommendations for maintenance or repairs, etc.)

SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM
PART B
SYSTEM INFORMATION continued

SEPTIC TANK: Yes
(locate on site plan)

depth below grade: 9"

material of construction: concrete metal FRP other(explain)

dimensions: 58" WIDE X 102" LONG X 55" EFF. DEPTH.

- 12" sludge depth
- 35" distance from top of sludge to bottom of outlet tee or baffle
- 3" scum thickness
- 3" distance from top of scum to top of outlet tee or baffle
- 6" distance from bottom of scum to bottom of outlet tee or baffle

Comments:

(recommendation for pumping, condition of inlet and outlet tees or baffles, depth of liquid level in relation to outlet invert, structural integrity, evidence of leakage, recommendations for repairs, etc.)

BAFFLES ARE CONCRETE CORNER DROP-IN BAFFLES
TANK & BAFFLES ARE IN GOOD CONDITION.

DISTRIBUTION BOX: No
(locate on site plan)

_____ depth of liquid level above outlet invert

Comments:

(note if level and distribution is equal, evidence of solids carryover, evidence of leakage into or out of box, recommendation for repairs, etc.)

SEPTIC TANK EFFLUENT FLOWS DIRECTLY TO LEACH PIT.

PUMP CHAMBER: _____
(locate on site plan)

_____ pumps in working order, yes or no

Comments:

(note condition of pump chamber, condition of pumps and appurtenances, recommendations for maintenance or repairs, etc.)

SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM
PART C
FAILURE CRITERIA

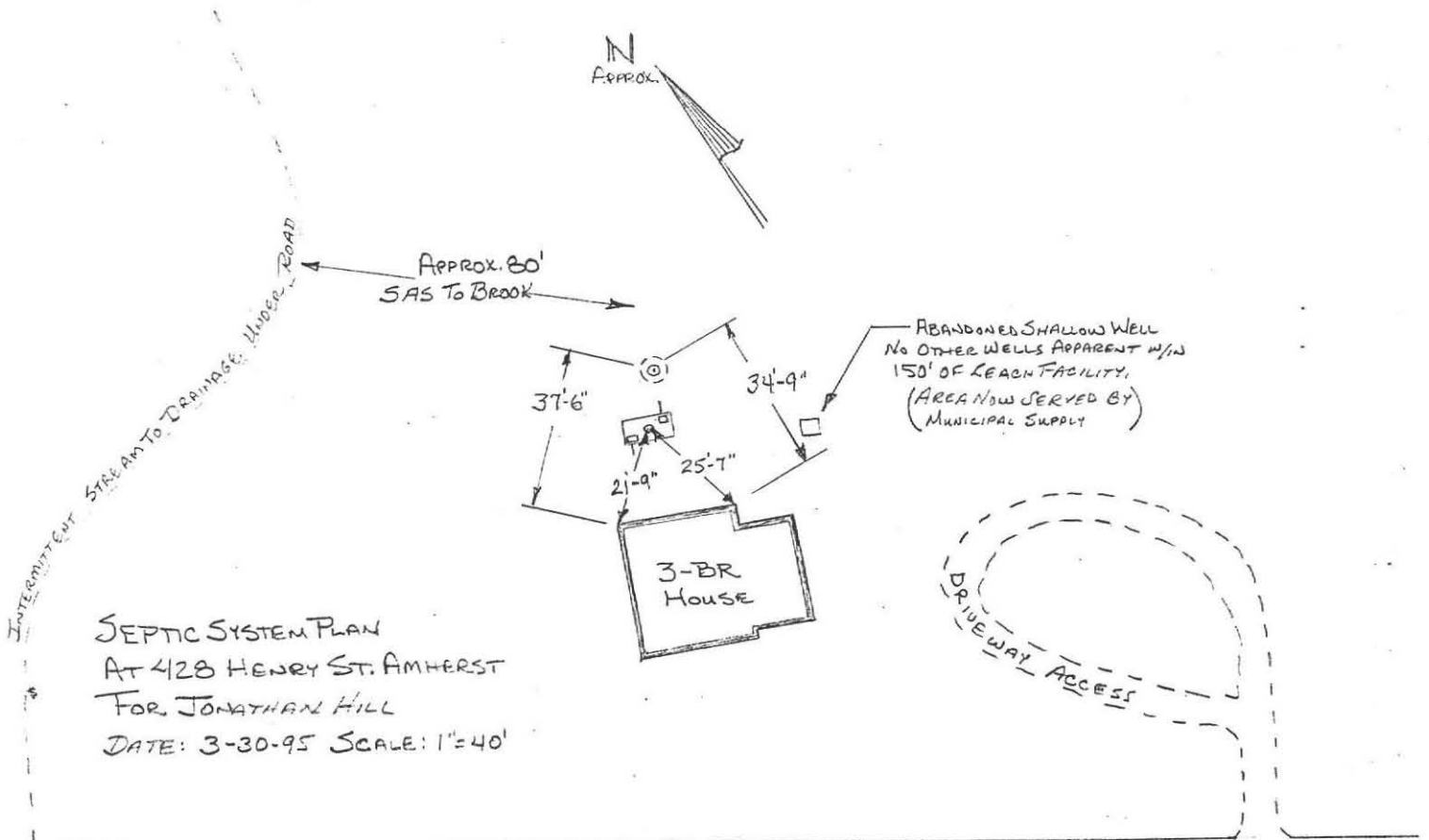
Indicate yes, no, or not determined (Y, N, or ND). Describe basis of determination in all instances. If "not determined", explain why not)

- No Backup of sewage into facility?
- No Discharge or ponding of effluent to the surface of the ground or surface waters?
- No Static liquid level in the distribution box above outlet invert?
- No Liquid depth in cesspool <6" below invert or available volume < 1/2 day flow?
- No Required pumping 4 times or more in the last year?
number of times pumped -0-
- No Septic tank is metal? cracked? structurally unsound? substantial infiltration? substantial exfiltration? tank failure imminent?
- No Is any portion of the SAS, cesspool or privy:
below the high groundwater elevation?
- No within 50 feet of a surface water?
- No within 100 feet of a surface water supply or tributary to a surface water supply?
- No within a Zone I of a public well?
- No within 50 feet of a bordering vegetated wetland or salt marsh (cesspools and privies only, not the SAS)?
- No within 50 feet of a private water supply well?
- No less than 100 feet but greater than 50 feet from a private water supply well with no acceptable water quality analysis? If the well has been analyzed to be acceptable, attach copy of well water analysis for coliform bacteria, volatile organic compounds, ammonia nitrogen and nitrate nitrogen.

**SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM
PART B
SYSTEM INFORMATION continued**

SKETCH OF SEWAGE DISPOSAL SYSTEM:

include ties to at least two permanent references landmarks or benchmarks
locate all wells within 100'



DEPTH TO GROUNDWATER

HENRY STREET

96" depth to groundwater

method of determination or approximation:

AREA IS GRAVELLY WELL-DRAINED SOILS.
GROUNDWATER IS ESTIMATED AT ELEVATION OF SEASONAL BROOK APPROX
80 FEET NORTH OF SAS.

SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM
PART D
CERTIFICATION

Name of Inspector RICHARD SCOTT
Company Name RICHARD SCOTT, P.E.
Company Address 31 SHUTESBURY RD.
PELHAM, MA 01002

Certification Statement

I certify that I have personally inspected the sewage disposal system at this address and that the information reported is true, accurate and complete as of the time of inspection. The inspection was performed and any recommendations regarding upgrade, maintenance and repair are consistent with my training and experience in the proper function and maintenance of on-site sewage disposal systems.

Check one:

I have not found any information which indicates that the system fails to adequately protect public health or the environment as defined in 310 CMR 15.303. Any failure criteria not evaluated are as stated in the **FAILURE CRITERIA** section of this form.

I have determined that the system fails to protect public health and the environment as defined in 310 CMR 15.303. The basis for this determination is provided in the **FAILURE CRITERIA** section of this form.

Inspector's Signature Richard Scott

Date 3-30-95

Original to system owner, JONATHAN HILL

* Copies to:

Buyer (if applicable) SUSAN ALWARD
Approving authority DAVE ZAROBINSKI, AMHERST HEALTH DEPT.

