Howard County Health Department

Bureau of Environmental Health
8930 Stanford Blvd, Columbia, MD 21045
Main: 410-313-2640 | Fax: 410-313-2648
TDD 410-313-2323 | Toll Free 1-866-313-6300
www.hchealth.org
Facebook: www.facebook.com/hocohealth
Twitter: HowardCoHealthDep

Maura J. Rossman, M.D., Health Officer

June 10, 2014

Mr. Jacobi Jones
11857 Scaggsville Road
Fulton, MD 20759

RE: VOC Results
11857 Scaggsville Road

Dear Mr. Jones:

Enclosed are the results for the volatile organic (VOC) sampling of your well water supply. Sampling was performed on May 13, 2014, with the untreated sample being collected from the first floor bathroom faucet.

Results of this sampling were free of all tested compounds to the limit of detection for the test method employed. With respect to these parameters, your well water supply remains safe for all uses. No guarantee regarding safety can be given for the future.

Even though no VOC's were detected during this sampling, it is not known whether or not this condition will remain the same, or possibly increase at some point in the future. As an added safeguard against VOC's, your well water supply can be treated using granular activated carbon (GAC). Keep in mind that the use of GAC treatment would require periodic maintenance to ensure continued VOC removal.

If you have any further questions, you may contact me at (401) 313-1773.

Sincerely,

R. Martin

Ramar Martin, R.S.
Community Hygiene Program

Enclosures

Send Report To:

Howard County Health Department
Bureau of Environmental Health
8930 Stanford Blvd.
Columbia, Maryland 21045

State of Maryland
DHMH - Laboratories Administration
Division of Environmental Chemistry
TRACE ORGANICS SECTION
201 W. Preston Street, Baltimore, Maryland 21201
John M. DeBoy, Dr. P.H., Director

Lab No. Date Received

E14005010001
Received: 05/13/2014 EPA 524.2
Trace Organics HC11857

LABORATORY ANALYSIS REQUEST

HC11857

Bottle No: HC11857-1 **Plant / Site Name:** Jacobi Jones **County:** Howard

Sample Source: 11857 Scaggsville Rd (Street) Fulton (Town or City) **Location:** (well no., lab sink, sample tap, etc.)

Sampler ID: 3 1 7 9 3 5 **PWSID:** **Plant ID:**

Collector: Boleslav Shklyar 410-313-1787 (include telephone number)

Date Collected: 5 / 13 /2014 **Time Collected:** 11 a.m. ____ p.m.

Field Preserved: ☒ Yes ☐ No **Preservative Used:** ☒ 1:1 HCl+Ascorbic acid ☐ Na_2So_4 ☐ 6 mg NH_4Cl

Sample Type:

☒ Drinking Water	☐ Landfill	☒ Source (Raw Water)	☐ Liquid
☐ Community	☐ Stream	☐ Distribution (Treated)	☐ Solid
☐ Non-Community	☐ Sediment	☐ Water Treatment Plant POE	☐ Other ____
☒ Private			

Specify Program: ☒ SDWA ☐ NPDES ☐ CWA ☐ RCRA ☐ Consumer Products ☐ Other ____

Test Requested : ☐ Trihalomethanes ☐ Volatiles ☐ Semi-volatiles ☐ Haloacetic Acids

FIELD DATA: 6.5 (pH) 0.0 (Free Cl) 0.0 (Total Cl)

HC11857FB-1
Field Blank Bottle No.: HC11857FB-2
Trip Blank Bottle No.: HC11857TRIP

Remarks: Sample taken from Bathroom 1-st floor, no water treatment

Laboratory Supervisor: Sadia Mureen **Date Reported:** ___/___/___

•Phone: (410) 767-4388 •Fax: (410) 225-9318

RECEIVED
JUN 9 2014
HOWARD COUNTY HEALTH DEPT.
COMMUNITY HYGIENE PROGRAM

Form Revised 12/05
DHMH 4362 (01/07)

E14005010002
Received: 05/13/2014 EPA 524.2
Trace Organics FB HC11857

E14005010003
Received: 05/13/2014 EPA 524.2
Trace Organics TB HC11857

SUBMITTER'S COPY

State of Maryland
DHMH-Laboratories Administration
Division of Environmental Chemistry
ORGANICS ANALYTICAL LABORATORY
201 W. Preston Street, Baltimore, Maryland 21201
Robert Myers, Ph.D., Director

Certificate of Analysis

HOWARD CO ENVIRONMENTAL HLTH
8930 STANFORD BLVD
COLUMBIA, MD 21045

Lab. No: E14005010001

Method: EPA 524.2 VOCs and THMs

Date Received: 05/13/2014 Date Collected: 05/13/2014
Field ID: HC11857 Submitted By: SHKLYAR Date Analyzed: 05/16/2014

Contaminant	RL	MCL	Result
REGULATED			
1,1,1-Trichloroethane	0.5	200	ND
1,1,2-Trichloroethane	0.5	5	ND
1,1-Dichloroethene	0.5	7	ND
1,2,4-Trichlorobenzene	0.5	70	ND
1,2-Dichlorobenzene	0.5	600	ND
1,2-Dichloroethane	0.5	5	ND
1,2-Dichloropropane	0.5	5	ND
1,4-Dichlorobenzene	0.5	75	ND
Benzene	0.5	5	ND
Carbon Tetrachloride	0.5	5	ND
Chlorobenzene	0.5	100	ND
cis-1,2-Dichloroethene	0.5	70	ND
Ethylbenzene	0.5	700	ND
m+p-Xylene	1.0		ND
Methylene Chloride	0.5	5	ND
o-Xylene	0.5		ND
Styrene	0.5	100	ND
Tetrachloroethene	0.5	5	ND
Toluene	0.5	1000	ND
Total Xylenes	1.5	10000	ND
trans-1,2-Dichloroethene	0.5	100	ND
Trichloroethene	0.5	5	ND
Vinyl Chloride	0.5	2	ND
TRIHALOMETHANES			
Bromodichloromethane	0.5		ND
Bromoform	0.5		ND
Chloroform	0.5		ND
Dibromochloromethane	0.5		ND
TOTAL THMs		80	0.00
UNREGULATED			
1,1,1,2-Tetrachloroethane	0.5		ND
1,1,2,2-Tetrachloroethane	0.5		ND
1,1-Dichloroethane	0.5		ND
1,1-Dichloropropene	0.5		ND
1,2,3-Trichlorobenzene	0.5		ND
1,2,3-Trichloropropane	0.5		ND
1,2,4-Trimethylbenzene	0.5		ND
1,2-Dibromo-3-Chloropropane	0.5		ND
1,2-Dibromoethane	0.5		ND
1,3,5-Trimethylbenzene	0.5		ND
1,3-Dichlorobenzene	0.5		ND
1,3-Dichloropropane	0.5		ND
2,2-Dichloropropane	0.5		ND
2-Chlorotoluene	0.5		ND
4-Chlorotoluene	0.5		ND
Bromobenzene	0.5		ND
Bromochloromethane	0.5		ND
Bromomethane	0.5		ND
Chloroethane	0.5		ND
Chloromethane	0.5		ND
cis-1,3-Dichloropropene	0.5		ND
Dibromomethane	0.5		ND
Dichlorodifluoromethane	0.5		ND
Ethyl-tert-Butyl Ether (ETBE)	0.5		ND
Hexachlorobutadiene	0.5		ND
Isopropylbenzene	0.5		ND
Methyl-tert-Butyl Ether (MTBE)	0.5		ND
Naphthalene	0.5		ND
n-Butylbenzene	0.5		ND
n-Propylbenzene	0.5		ND
p-Isopropyltoluene	0.5		ND
sec-Butylbenzene	0.5		ND
tert-Amyl Methyl Ether (TAME)	0.5		ND
tert-Butylbenzene	0.5		ND
trans-1,3-Dichloropropene	0.5		ND
Trichlorofluoromethane	0.5		ND

Comments:

Approved by: Sadia Nuneen Approval date: 05/22/2014

RECEIVED
JUN 9 2014
HOWARD COUNTY HEALTH DEPT.
COMMUNITY HYGIENE PROGRAM

***All results are in parts per billion ppb); ND = Less than the detection level; na = not applicable; e = estimate**

Telephone: (410) 767 -6648 Fax: (410) 225-2451

S:\EnviroFinal-Organics.rpt

State of Maryland
DHMH-Laboratories Administration
Division of Environmental Chemistry
ORGANICS ANALYTICAL LABORATORY
201 W. Preston Street, Baltimore, Maryland 21201
Robert Myers, Ph.D., Director

Certificate of Analysis

HOWARD CO ENVIRONMENTAL HLTH
8930 STANFORD BLVD
COLUMBIA, MD 21045

Lab. No: E14005010002

Method: EPA 524.2 VOCs and THMs

Date Received: 05/13/2014
Field ID: FB HC11857

Date Collected: 05/13/2014
Submitted By: SHKLYAR

Date Analyzed: 05/16/2014

Contaminant	RL	MCL	Result
REGULATED			
1,1,1-Trichloroethane	0.5	200	ND
1,1,2-Trichloroethane	0.5	5	ND
1,1-Dichloroethene	0.5	7	ND
1,2,4-Trichlorobenzene	0.5	70	ND
1,2-Dichlorobenzene	0.5	600	ND
1,2-Dichloroethane	0.5	5	ND
1,2-Dichloropropane	0.5	5	ND
1,4-Dichlorobenzene	0.5	75	ND
Benzene	0.5	5	ND
Carbon Tetrachloride	0.5	5	ND
Chlorobenzene	0.5	100	ND
cis-1,2-Dichloroethene	0.5	70	ND
Ethylbenzene	0.5	700	ND
m+p-Xylene	1.0		ND
Methylene Chloride	0.5	5	ND
o-Xylene	0.5		ND
Styrene	0.5	100	ND
Tetrachloroethene	0.5	5	ND
Toluene	0.5	1000	ND
Total Xylenes	1.5	10000	ND
trans-1,2-Dichloroethene	0.5	100	ND
Trichloroethene	0.5	5	ND
Vinyl Chloride	0.5	2	ND
TRIHALOMETHANES			
Bromodichloromethane	0.5		ND
Bromoform	0.5		ND
Chloroform	0.5		ND
Dibromochloromethane	0.5		ND
TOTAL THMs		80	0.00
UNREGULATED			
1,1,1,2-Tetrachloroethane	0.5		ND
1,1,2,2-Tetrachloroethane	0.5		ND
1,1-Dichloroethane	0.5		ND
1,1-Dichloropropene	0.5		ND
1,2,3-Trichlorobenzene	0.5		ND
1,2,3-Trichloropropane	0.5		ND
1,2,4-Trimethylbenzene	0.5		ND
1,2-Dibromo-3-Chloropropane	0.5		ND
1,2-Dibromoethane	0.5		ND
1,3,5-Trimethylbenzene	0.5		ND
1,3-Dichlorobenzene	0.5		ND
1,3-Dichloropropane	0.5		ND
2,2-Dichloropropane	0.5		ND
2-Chlorotoluene	0.5		ND
4-Chlorotoluene	0.5		ND
Bromobenzene	0.5		ND
Bromochloromethane	0.5		ND
Bromomethane	0.5		ND
Chloroethane	0.5		ND
Chloromethane	0.5		ND
cis-1,3-Dichloropropene	0.5		ND
Dibromomethane	0.5		ND
Dichlorodifluoromethane	0.5		ND
Ethyl-tert-Butyl Ether (ETBE)	0.5		ND
Hexachlorobutadiene	0.5		ND
Isopropylbenzene	0.5		ND
Methyl-tert-Butyl Ether (MTBE)	0.5		ND
Naphthalene	0.5		ND
n-Butylbenzene	0.5		ND
n-Propylbenzene	0.5		ND
p-Isopropyltoluene	0.5		ND
sec-Butylbenzene	0.5		ND
tert-Amyl Methyl Ether (TAME)	0.5		ND
tert-Butylbenzene	0.5		ND
trans-1,3-Dichloropropene	0.5		ND
Trichlorofluoromethane	0.5		ND

Comments:

Approved by: Sadia Munsaa

Approval date: 05/22/2014

RECEIVED

JUN 9 2014

HOWARD COUNTY HEALTH DEPT.
COMMUNITY HYGIENE PROGRAM

***All results are in parts per billion ppb); ND = Less than the detection level; na = not applicable; e = estimate**

Telephone: (410) 767 -6648 Fax: (410) 225-2451

State of Maryland
DHMH-Laboratories Administration
Division of Environmental Chemistry
ORGANICS ANALYTICAL LABORATORY
201 W. Preston Street, Baltimore, Maryland 21201
Robert Myers, Ph.D., Director

Certificate of Analysis

HOWARD CO ENVIRONMENTAL HLTH
8930 STANFORD BLVD
COLUMBIA, MD 21045

Lab. No: E14005010003

Method: EPA 524.2 VOCs and THMs

Date Received: 05/13/2014
Field ID: TB HC11857

Date Collected: 05/13/2014
Submitted By: SHKLYAR

Date Analyzed: 05/16/2014

Contaminant	RL	MCL	Result
REGULATED			
1,1,1-Trichloroethane	0.5	200	ND
1,1,2-Trichloroethane	0.5	5	ND
1,1-Dichloroethene	0.5	7	ND
1,2,4-Trichlorobenzene	0.5	70	ND
1,2-Dichlorobenzene	0.5	600	ND
1,2-Dichloroethane	0.5	5	ND
1,2-Dichloropropane	0.5	5	ND
1,4-Dichlorobenzene	0.5	75	ND
Benzene	0.5	5	ND
Carbon Tetrachloride	0.5	5	ND
Chlorobenzene	0.5	100	ND
cis-1,2-Dichloroethene	0.5	70	ND
Ethylbenzene	0.5	700	ND
m+p-Xylene	1.0		ND
Methylene Chloride	0.5	5	ND
o-Xylene	0.5		ND
Styrene	0.5	100	ND
Tetrachloroethene	0.5	5	ND
Toluene	0.5	1000	ND
Total Xylenes	1.5	10000	ND
trans-1,2-Dichloroethene	0.5	100	ND
Trichloroethene	0.5	5	ND
Vinyl Chloride	0.5	2	ND
TRIHALOMETHANES			
Bromodichloromethane	0.5		ND
Bromoform	0.5		ND
Chloroform	0.5		ND
Dibromochloromethane	0.5		ND
TOTAL THMs		80	0.00
UNREGULATED			
1,1,1,2-Tetrachloroethane	0.5		ND
1,1,2,2-Tetrachloroethane	0.5		ND
1,1-Dichloroethane	0.5		ND
1,1-Dichloropropene	0.5		ND
1,2,3-Trichlorobenzene	0.5		ND
1,2,3-Trichloropropane	0.5		ND
1,2,4-Trimethylbenzene	0.5		ND
1,2-Dibromo-3-Chloropropane	0.5		ND
1,2-Dibromoethane	0.5		ND
1,3,5-Trimethylbenzene	0.5		ND
1,3-Dichlorobenzene	0.5		ND
1,3-Dichloropropane	0.5		ND
2,2-Dichloropropane	0.5		ND
2-Chlorotoluene	0.5		ND
4-Chlorotoluene	0.5		ND
Bromobenzene	0.5		ND
Bromochloromethane	0.5		ND
Bromomethane	0.5		ND
Chloroethane	0.5		ND
Chloromethane	0.5		ND
cis-1,3-Dichloropropene	0.5		ND
Dibromomethane	0.5		ND
Dichlorodifluoromethane	0.5		ND
Ethyl-tert-Butyl Ether (ETBE)	0.5		ND
Hexachlorobutadiene	0.5		ND
Isopropylbenzene	0.5		ND
Methyl-tert-Butyl Ether (MTBE)	0.5		ND
Naphthalene	0.5		ND
n-Butylbenzene	0.5		ND
n-Propylbenzene	0.5		ND
p-Isopropyltoluene	0.5		ND
sec-Butylbenzene	0.5		ND
tert-Amyl Methyl Ether (TAME)	0.5		ND
tert-Butylbenzene	0.5		ND
trans-1,3-Dichloropropene	0.5		ND
Trichlorofluoromethane	0.5		ND

Comments:

Approved by: Sadia Munsen

Approval date: 05/22/2014

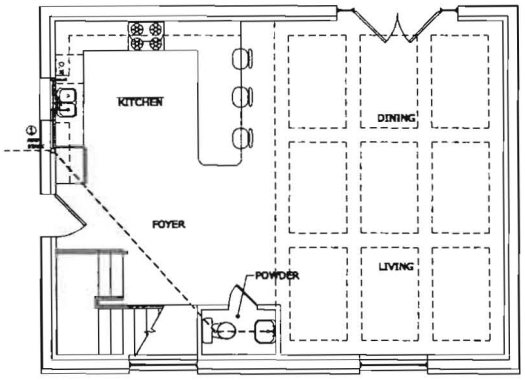
RECEIVED

JUN 9 2014

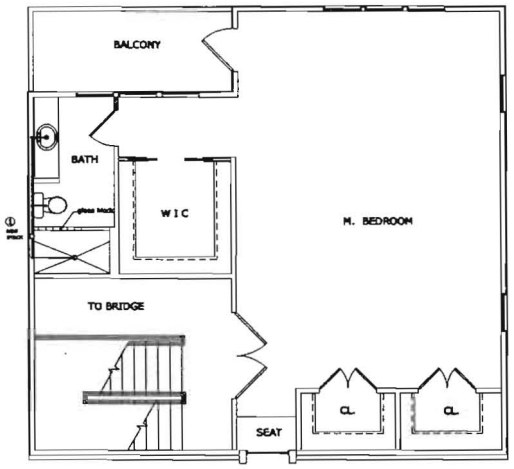
HOWARD COUNTY HEALTH DEPT.
COMMUNITY HYGIENE PROGRAM

***All results are in parts per billion ppb); ND = Less than the detection level; na = not applicable; e = estimate**

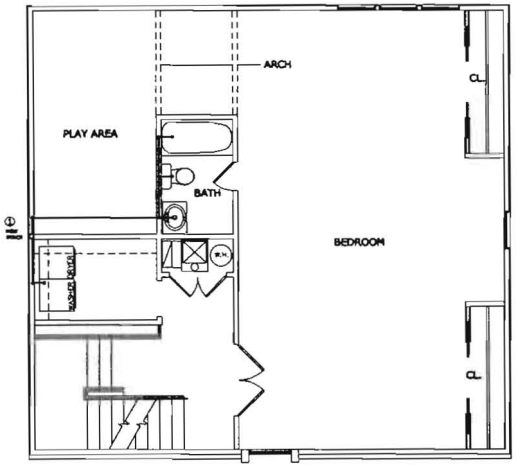
Telephone: (410) 767 -6648 Fax: (410) 225-2451



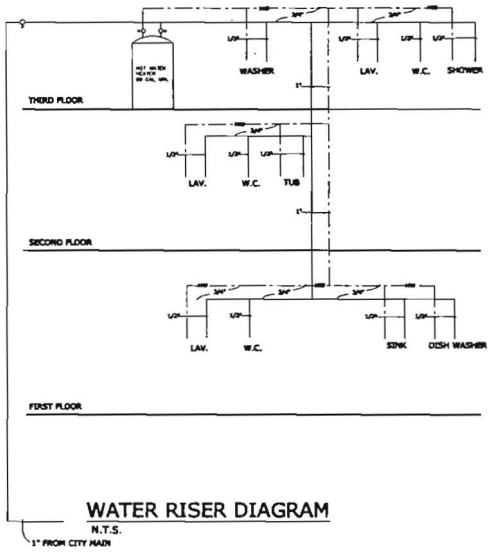
FIRST FLOOR PLUMBING PLAN



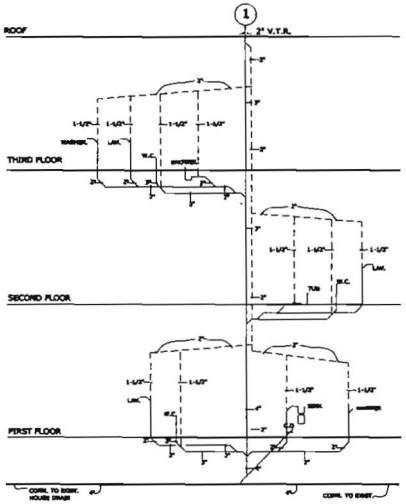
SECOND FLOOR PLUMBING PLAN



THIRD FLOOR PLUMBING PLAN



WATER RISER DIAGRAM
N.T.S.



PLUMBING RISER DIAGRAM
N.T.S.

PLUMBING LEGEND

DESCRIPTION	SYMBOL	ABBREVIATED
SOIL OR WASTE LINE		
VENT LINE		
GREASE RECOVERY UNIT		G.R.U.
SEDIMENT TRAP		S.T.
PIPE UP - PIPE DOWN		
FLOOR DRAIN		F.D.
VENT PIPE THRU ROOF		V.T.R.
OPEN SITE DRAIN		O.S.D.
FLOOR SINK		F.S.

1. THE CONTRACTOR SHALL FURNISH ALL LABOR, TOOLS AND MATERIALS REQUIRED FOR THE COMPLETE INSTALLATION OF PLUMBING AS SHOWN ON THE DRAWINGS, INCLUDING THE FOLLOWING: SANITARY DRAINAGE SYSTEM, COMPLETE WATER DISTRIBUTION SYSTEM AND NEW PLUMBING FIXTURES AS INDICATED.
2. ALL WORK SHALL BE EXECUTED IN A WORKMANLIKE MANNER AND SHALL BE NEAT MECHANICALLY CORRECT AND SHALL SHOW THE HIGHEST STANDARDS OF TRADE CODE AND MARYLAND CODE.
SKILLS IN IT'S APPEARANCE UPON COMPLETION AND IN ACCORDANCE WITH B.O.C.A.
3. ALL WORK SHALL BE PROTECTED FROM DAMAGE AND ALL PIPES SHALL BE PROPERLY CLOSED WITH TEST PLUGS OR SCREW CAPS TO PREVENT STOPPAGE ALL FIXTURES SHALL BE ADEQUATELY PROTECTED DURING CONSTRUCTION.
4. ALL PLUMBING LINES SHALL RUN PARALLEL WITH BUILDING LINES WHERE POSSIBLE.
5. SLOPE DRAINAGE PIPING WITH A FALL OF |" PER FOOT, WHERE POSSIBLE
6. BELOW GROUND SOIL AND WASTE PIPING SHALL BE CAST IRON SERVICE WEIGHT. ABOVE GROUND SOIL, WASTE AND VENT PIPING MAY BE SCHEDULE #40 PLASTIC PIPE IN UEU OF CAST IRON.
7. DOMESTIC WATER PIPING SHALL BE COPPER TUBING OR COPPER ALLOY WITH WROUGHT COPPER OR CAST BRONZE FITTINGS.
INSULATION.
8. HOT AND COLD WATER PIPING SHALL BE INSULATED WITH \" PRE-FORMED PIPE
9. ALL PIPING SHALL BE PROPERLY SUPPORTED AND ANCHORED WITH METAL FINISHED AREAS
SLEEVES WHERE PIPING PENETRATES WALLS. PROVIDE BRASS ESCUTCHEONS IN
10. ALL WATER PIPING SHALL BE INSULATED WITH \" GLASS FIBER PRE-FORMED PIPE INSULATION WITH VAPOR BARRIER JACKET
11. ALL GAS PIPING SHALL BE SCHEDULE #40 BLACK, ASTM A120 WITH 150 lb.. BANDED MALLEABLE IRON SCREWED FITTINGS.

GCR & ASSOC.

11857 SCAGGSVILLE ROAD
FULTON, MD

REVISIONS

PLUMBING PLAN

STAMP

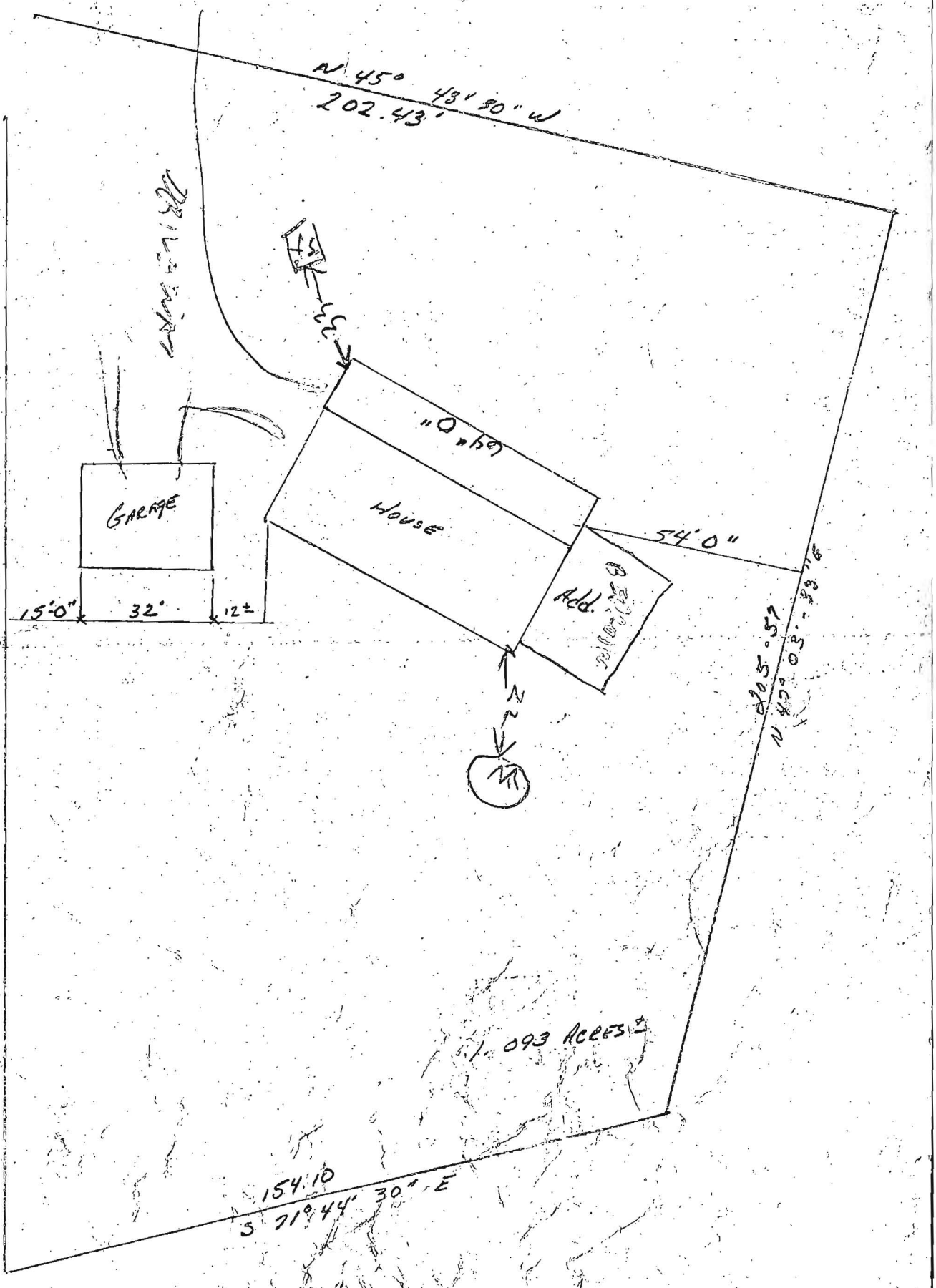
EQUIP.:
CUS. NO.:

DATE: 09/3/13
SCALE: AS SHOWN
DRAWN: GCR
CHECKED:
FILE:
CADD:

STORE NO:

SHEET NO:
P1

James G Haskell
11857 Scaggsville Rd
Fulton, md 20759



H07205?2