

3710 MATTHEWS-MINT HILL RD

1/10/2008

duponbj

Groundwater and Wastewater Services File Imaging Project

May 2007

Barcode Font = IDAutomationHC39M

Groundwater & Wastewater Services
Well Project File & Data Review Worksheet

GWS File #: 6710B WASPS App #: 1262

Primary ES assigned to project: Philo Walker

Secondary ES assigned to project: Debra Howell

Project Type: New Well ☑ Well Abandonment ☐ Major Repair ☐

Septic System Status: Permit in progress ☐ System installation completed ☐ N/A-Sewer ☑

I. File Review:

Completed application	Yes ☑	No ☐				
ARGU review report	Yes ☑	No ☐	N/A ☐			
Signed permit	Yes ☑	No ☐				
Notification of disinfection	Yes ☐	No ☐	N/A ☑			
Sample Results	TC ☑	Nitrate/Nitrite ☑	Other ☑	N/A ☐		
GW-1 Form / GW-30 Form	Yes ☑	No ☐				
Other related documentation	Yes ☐	No ☐	N/A ☐			

Items requiring correction/modification: _____

Comments:

_____

_____

_____

_____

_____

II. WASPS Review:

Completed application w/ valid address	Yes ☑	No ☐	
ARGU review completed	Yes ☑	No ☐	N/A ☐
Permit issued	Yes ☑	No ☐	
Activity checklist completed	Yes ☑	No ☐	
Appropriate comments included	Yes ☑	No ☐	
Site information record completed	Yes ☑	No ☐	
Well detail record completed	Yes ☐	No ☐	

Items requiring correction/modification: _____

Comments:

_____

_____

_____

_____

_____

Application received date: 8/10/06 ES assigned date: 8/10/06 Permit issued date: 8/10/06

Well approval date: 4/12/07 Number of days to complete project: _____

Review performed by: _____ Date performed: 4/18/07

CHARLOTTE.
CHARLOTTE-MECKLENBURG UTILITIES

Laboratory Analysis Report
Report Date: 4/12/2007 12:55 PM

LABORATORY SERVICES DIVISION

LOCATION: GWO-72679
LOC ID: G-NEW
SAMPLE DATE-TIME: 4/3/2007 10:30 CHAIN OF CUSTODY #: 070403121217
SAMPLE DESCRIPTION: Grab

	Parameter	Result	Units	RL	Method	Start Date/	Time	Analyst
AC12304	Chloromethane	Less Than	ug/L	5	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	Vinyl Chloride	Less than	ug/L	5	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	Bromomethane	Less than	ug/L	5	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	Chloroethane	Less than	ug/L	5	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	Trichlorofluoromethane	Less than	ug/L	5	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	1,1-Dichloroethene	Less than	ug/L	3	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	Carbon Disulfide	Less than	ug/L	5	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	Iodomethane	Less than	ug/L	5	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	Acrolein	Less than	ug/L	50	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	Methylene Chloride	Less than	ug/L	5	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	Acetone	Less than	ug/L	10	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	trans-1,2-Dichloroethene	Less than	ug/L	5	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	Methyl-tert-butyl-ether (MTBE)	Less than	ug/L	3	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	1,1-Dichloroethane	Less than	ug/L	3	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	Acrylonitrile	Less than	ug/L	50	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	Vinyl acetate	Less than	ug/L	5	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	cis-1,2- Dichloroethene	Less than	ug/L	3	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	Bromochloromethane	Less than	ug/L	3	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	Chloroform	Less than	ug/L	3	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	Carbon Tetrachloride	Less than	ug/L	5	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	1,1,1-Trichloroethane	Less than	ug/L	3	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	2-Butanone (MEK)	Less than	ug/L	10	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	Benzene	Less than	ug/L	3	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	1,2-Dichloroethane	Less than	ug/L	3	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	Trichloroethene	Less than	ug/L	3	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	Dibromemethane	Less than	ug/L	5	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	1,2-Dichlorpropane	Less than	ug/L	3	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	Bromodichloromethane	Less than	ug/L	3	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	2-Chloroethyl vinyl ether	Less than	ug/L	10	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	cis-1,3-Dichloropropene	Less than	ug/L	5	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	Toluene	Less than	ug/L	3	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	4-Methyl-2-pentanone	Less than	ug/L	10	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	trans-1,3-Dichloropropene	Less than	ug/L	5	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	Tetrachloroethene	Less than	ug/L	3	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	1,1,2-Trichloroethane	Less than	ug/L	3	SW846 / 8260B	4/5/2007	14:31	SDA

CHARLOTTE.

Laboratory Analysis Report
Report Date: 4/12/2007 12:55 PM

LABORATORY SERVICES DIVISION

LOCATION: GWO-72679
LOC ID: G-NEW
SAMPLE DATE-TIME: 4/3/2007 10:30 CHAIN OF CUSTODY #: 070403121217
SAMPLE DESCRIPTION: Grab

	Parameter	Result	Units	RL	Method	Start Date/	Time	Analyst
AC12304	Dibromochloromethane	Less than	ug/L	3	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	1,2-Dibromoethane	Less than	ug/L	3	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	2-Hexanone	Less than	ug/L	10	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	Ethylbenzene	Less than	ug/L	3	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	Chlorobenzene	Less than	ug/L	3	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	1,1,1,2-Tetrachloroethane	Less than	ug/L	3	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	Total Xylenes	Less than	ug/L	3	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	Styrene	Less than	ug/L	5	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	Bromoform	Less than	ug/L	3	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	trans-1,4-Dichloro-2-butene	Less than	ug/L	5	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	1,1,2,2-Tetrachloroethane	Less than	ug/L	3	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	1,2,3-Trichloropropane	Less than	ug/L	5	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	1,3-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	1,4-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	1,2-Dichlorobenzene	Less than	ug/L	3	SW846 / 8260B	4/5/2007	14:31	SDA
AC12304	1,2-Dibromo-3-chloropropane	Less than	ug/L	10	SW846 / 8260B	4/5/2007	14:31	SDA

Comment:

Laboratory Supervisor: Rhonda Robertson

Laboratory Certifications: McAlpine NC DENR No.148; Brookshire NC DENR No.162; Hal Marshall N.C. DENR No. 192, N.C. DHHS Laboratory No. 37527

CHARLOTTE-MECKLENBURG UTILITIES - LABORATORY SERVICES DIVISION

Hal Marshall Laboratory, 700 North Tryon St., Charlotte, NC 28202, 704/336-5460

CHAIN OF CUSTODY RECORD

PAGE OF

CLIENT:	**Mecklenburg County, LUESA - Groundwater & Wastewater Services**
FACILITY:	Groundwater **(Potable Water)**
ADDRESS:	3738 Oak View Court, Matthews, NC 28105
LAB CODE:	REAL PRIV (NEW) TNC MPL PME AMB LM OTHER

Send Report To:
Debra Howell
700 N. Tryon St., Suite 211
Charlotte, NC 28202

COC#: 070403121217

Sampled By (Print Name)
Debra Howell

SAMPLE ID	Sample Collector's Initials	Sample Collection: Begin Date and Time	Sample Collection: End Date and Time	Chlorinated System: Y or N	Sample Temperature: Collection Temp °C	Sample Temperature: Receipt Temp °C	Sample Type: Depth Composite	Sample Type: Auto Composite	Sample Type: Hand Comp	Sample Type: Grab	Sample Containers: Plastic	Sample Containers: Glass	Sample Containers: # Containers	Chemical Preservative: None	HNO3	H2SO4	NaOH	HCl	Na2S2O3	pH Correct	Analyses Requested: VOA, EPA 8260
AC12304		DH 4/3/07																			
GWO-72679	DH	4/3/07 10:30 am	N/A N/A	N	4.1°C	9.1				X		40 ml	2					X			X

Instructions:

Complete all yellow shaded sections

For each parameter requested circle the X to verify your request.

Nutrients include: Ammonia, TKN, Total Phosphorus, Nitrate/Nitrite

Metals: Itemize the individual metals requested here -

For Composite samples record the autosampler Begin date/time and End date/time, for Grab samples record the collect time as the Begin date/time only.

Blue is for lab use only.

Comments:

Relinquished By: (Signature)	Received By: (Signature)	Date	Time
Debra Howell	[signature]	4-3-07	1210
Relinquished By: (Signature)	Received By: (Signature)	Date	Time
Relinquished By: (Signature)	Received By: (Signature)	Date	Time
Relinquished By: (Signature)	Received By: (Signature)	Date	Time
Relinquished By: (Signature)	Received By: (Signature)	Date	Time

Form Revision 07; effective 02/16/2006

Lab Codes: REAL=Real Estate, PRIV=Private Well, NEW=New Permitted Well, TNC=Transient Non-Community, AMB=Ambient, LM=Landfill

CHARLOTTE.
CHARLOTTE-MECKLENBURG UTILITIES

Laboratory Analysis Report
Report Date: 3/27/2007 04:53 PM

LABORATORY SERVICES DIVISION

LOCATION: GWO-72519
LOC ID: G-NEW
SAMPLE DATE-TIME: 3/20/2007 14:15 CHAIN OF CUSTODY #: 070320153359
SAMPLE DESCRIPTION: Grab

	Parameter	Result	Units	RL	Method	Start Date/	Time	Analyst
AC10461	**E. COLI-PA**	**Absent**	**P/A**		SM 9223B	3/20/2007	16:00	MKV
AC10461	**Total Coliform- P/A**	**Absent**	**P/A**		SM 9223B	3/20/2007	16:00	MKV

Comment:

Laboratory Supervisor: Rhonda Johnson

Laboratory Certifications: McAlpine NC DENR No.148; Brookshire NC DENR No.162; Hal Marshall N.C. DENR No. 192, N.C. DHHS Laboratory No. 37527

CHARLOTTE-MECKLENBURG UTILITIES - LABORATORY SERVICES DIVISION

Hal Marshall Laboratory, 700 North Tryon St., Charlotte, NC 28202, 704/336-5460

CHAIN OF CUSTODY RECORD

CLIENT:	**Mecklenburg County, LUESA - Groundwater & Wastewater Services**
FACILITY:	Groundwater **(Potable Water)**
ADDRESS:	3738 Oak View Court, Matthews, NC 28105
LAB CODE:	REAL PRIV (NEW) TNC MPL PME AMB LM OTHER

Send Report To:
Debra Howell
700 N. Tryon St., Suite 211
Charlotte, NC 28202

Sampled By (Print Name)
Debra Howell

SAMPLE ID	Sample Collector's Initials	Sample Collection: Begin Date and Time	Sample Collection: End Date and Time	Chlorinated System: Y or N	Sample Temperature: Collection Temp °C	Sample Temperature: Receipt Temp °C	Sample Type: Depth Composite	Sample Type: Auto Composite	Sample Type: Hand Comp	Sample Type: Grab	Sample Containers: Plastic	Sample Containers: Glass	Sample Containers: # Containers	Chemical Preservative: None	HNO3	H2SO4	NaOH	HCl	Na2S2O3	pH Correct	Analyses Requested: Total Coliform
AC10461																					
GWO-72519 AC10461	DH	3/30/07 2:15pm	N/A N/A	N	NA	[redacted]				X	100 ml		2						X		X

Instructions:
- Complete all yellow shaded sections
- For each parameter requested circle the X to verify your request.
- Nutrients include: Ammonia, TKN, Total Phosphorus, Nitrate/Nitrite
- *Metals: Itemize the individual metals requested here -*
- For Composite samples record the autosampler Begin date/time and End date/time, for Grab samples record the collect time as the Begin date/time only.
- [redacted]

Comments: ****3-DAY TAT REQUESTED****

Relinquished By: (Signature)	Received By: (Signature)	Date	Time
Debra Howell		3/30/07	1500
Relinquished By: (Signature)	Received By: (Signature)	Date	Time
Relinquished By: (Signature)	Received By: (Signature)	Date	Time
Relinquished By: (Signature)	Received By: (Signature)	Date	Time
Relinquished By: (Signature)	Received By: (Signature)	Date	Time

Form Revision 07; effective 02/16/2006

Lab Codes: REAL=Real Estate, PRIV=Private Well, NEW=New Permitted Well, TNC=Transient Non-Community, AMB=Ambient, LM=Landfill

CHARLOTTE.

Laboratory Analysis Report
Report Date: 3/27/2007 04:52 PM

LABORATORY SERVICES DIVISION

LOCATION: GWO-72519
LOC ID: G-PRIV
SAMPLE DATE-TIME: 3/20/2007 14:15 CHAIN OF CUSTODY #: 070320153104
SAMPLE DESCRIPTION: Grab

	Parameter	Result	Units	RL	Method	Start Date/	Time	Analyst
AC10459	Chloromethane	Less Than	ug/L	5	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	Vinyl Chloride	Less than	ug/L	5	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	Bromomethane	Less than	ug/L	5	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	Chloroethane	Less than	ug/L	5	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	Trichlorofluoromethane	Less than	ug/L	5	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	1,1-Dichloroethene	Less than	ug/L	3	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	Carbon Disulfide	9	ug/L	5	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	Iodomethane	Less than	ug/L	5	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	Acrolein	Less than	ug/L	50	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	Methylene Chloride	Less than	ug/L	5	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	Acetone	Less than	ug/L	10	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	trans-1,2-Dichloroethene	Less than	ug/L	5	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	Methyl-tert-butyl-ether (MTBE)	Less than	ug/L	3	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	1,1-Dichloroethane	Less than	ug/L	3	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	Acrylonitrile	Less than	ug/L	50	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	Vinyl acetate	Less than	ug/L	5	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	cis-1,2- Dichloroethene	Less than	ug/L	3	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	Bromochloromethane	Less than	ug/L	3	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	Chloroform	Less than	ug/L	3	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	Carbon Tetrachloride	Less than	ug/L	5	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	1,1,1-Trichloroethane	Less than	ug/L	3	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	2-Butanone (MEK)	37	ug/L	10	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	Benzene	Less than	ug/L	3	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	1,2-Dichloroethane	Less than	ug/L	3	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	Trichloroethene	Less than	ug/L	3	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	Dibromemethane	Less than	ug/L	5	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	1,2-Dichlorpropane	Less than	ug/L	3	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	Bromodichloromethane	Less than	ug/L	3	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	2-Chloroethyl vinyl ether	Less than	ug/L	10	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	cis-1,3-Dichloropropene	Less than	ug/L	5	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	Toluene	Less than	ug/L	3	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	4-Methyl-2-pentanone	Less than	ug/L	10	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	trans-1,3-Dichloropropene	Less than	ug/L	5	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	Tetrachloroethene	Less than	ug/L	3	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	1,1,2-Trichloroethane	Less than	ug/L	3	SW846 / 8260B	3/22/2007	18:46	SDA

CHARLOTTE.
CHARLOTTE-MECKLENBURG UTILITIES

Laboratory Analysis Report
Report Date: 3/27/2007 04:52 PM

LABORATORY SERVICES DIVISION

LOCATION: GWO-72519
LOC ID: G-PRIV
SAMPLE DATE-TIME: 3/20/2007 14:15 CHAIN OF CUSTODY #: 070320153104
SAMPLE DESCRIPTION: Grab

	Parameter	Result	Units	RL	Method	Start Date/	Time	Analyst
AC10459	**Dibromochloromethane**	**Less than**	**ug/L**	3	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	**1,2-Dibromoethane**	**Less than**	**ug/L**	3	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	**2-Hexanone**	**Less than**	**ug/L**	10	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	**Ethylbenzene**	**Less than**	**ug/L**	3	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	**Chlorobenzene**	**Less than**	**ug/L**	3	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	**1,1,1,2-Tetrachloroethane**	**Less than**	**ug/L**	3	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	**Total Xylenes**	**4**	**ug/L**	3	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	**Styrene**	**Less than**	**ug/L**	5	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	**Bromoform**	**Less than**	**ug/L**	3	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	**trans-1,4-Dichloro-2-butene**	**Less than**	**ug/L**	5	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	**1,1,2,2-Tetrachloroethane**	**Less than**	**ug/L**	3	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	**1,2,3-Trichloropropane**	**Less than**	**ug/L**	5	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	**1,3-Dichlorobenzene**	**Less than**	**ug/L**	3	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	**1,4-Dichlorobenzene**	**Less than**	**ug/L**	3	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	**1,2-Dichlorobenzene**	**Less than**	**ug/L**	3	SW846 / 8260B	3/22/2007	18:46	SDA
AC10459	**1,2-Dibromo-3-chloropropane**	**Less than**	**ug/L**	10	SW846 / 8260B	3/22/2007	18:46	SDA

Comment:

Laboratory Supervisor: Rhonda Robertson

Laboratory Certifications: McAlpine NC DENR No.148; Brookshire NC DENR No.162; Hal Marshall N.C. DENR No. 192, N.C. DHHS Laboratory No. 37527

CHARLOTTE-MECKLENBURG UTILITIES - LABORATORY SERVICES DIVISION

Hal Marshall Laboratory, 700 North Tryon St., Charlotte, NC 28202, 704/336-5460

CHAIN OF CUSTODY RECORD

PAGE OF

CLIENT:	**Mecklenburg County, LUESA - Groundwater & Wastewater Services**
FACILITY:	Groundwater **(Potable Water)**
ADDRESS:	3738 Oak View Court, Matthews, NC 28105
LAB CODE:	REAL (PRIV) NEW TNC MPL PME AMB LM OTHER

Send Report To:
Debra Howell
700 N. Tryon St., Suite 211
Charlotte, NC 28202

Sampled By (Print Name)
Debra Howell

SAMPLE ID	Sample Collector's Initials	Sample Collection: Begin Date and Time	Sample Collection: End Date and Time	Chlorinated System: Y or N	Sample Temperature: Collection Temp °C	Sample Temperature: Receipt Temp °C	Sample Type: Depth Composite	Sample Type: Auto Composite	Sample Type: Hand Comp	Sample Type: Grab	Sample Containers: Plastic	Sample Containers: Glass	Sample Containers: # Containers	Chemical Preservative: None	HNO3	H2SO4	NaOH	HCl	Na2S2O3	pH Correct	Analyses Requested: VOA, EPA 8260
AC10459																					
GWO-72519 AC10459	DH	DH 2/12/07 2:15 pm	N/A N/A	N	21.6°C	[redacted]				X		40 ml	2					X			X
				N	2																

Instructions:

Complete all yellow shaded sections

For each parameter requested circle the X to verify your request.

Nutrients include: Ammonia, TKN, Total Phosphorus, Nitrate/Nitrite

Metals: Itemize the individual metals requested here -

For Composite samples record the autosampler Begin date/time and End date/time, for Grab samples record the collect time as the Begin date/time only.

[redacted]

Comments:

Relinquished By: (Signature)	Received By: (Signature)	Date	Time
Debra Howell		2-20-07	1500
Relinquished By: (Signature)	Received By: (Signature)	Date	Time
Relinquished By: (Signature)	Received By: (Signature)	Date	Time
Relinquished By: (Signature)	Received By: (Signature)	Date	Time
Relinquished By: (Signature)	Received By: (Signature)	Date	Time

Form Revision 07; effective 02/16/2006

Lab Codes: REAL=Real Estate, PRIV=Private Well, NEW=New Permitted Well, TNC=Transient Non-Community, AMB=Ambient, LM=Landfill

CHARLOTTE.
CHARLOTTE-MECKLENBURG UTILITIES

Laboratory Analysis Report
Report Date: 3/27/2007 04:53 PM

LABORATORY SERVICES DIVISION

LOCATION: GWO-72519
LOC ID: G-NEW
SAMPLE DATE-TIME: 3/20/2007 14:15 CHAIN OF CUSTODY #: 070320153243
SAMPLE DESCRIPTION: Grab

	Parameter	Result	Units	RL	Method	Start Date/	Time	Analyst
AC10460	**NITRATE**	**0.45**	**mg/L**	0.05	EPA 353.2	3/20/2007	14:57	EWN
AC10460	**NITRITE**	**<0.05**	**mg/L**	0.05	EPA 353.2	3/21/2007	10:08	EWN

Comment:

Laboratory Supervisor: Rhonda L. Hutson

Laboratory Certifications: McAlpine NC DENR No.148; Brookshire NC DENR No.162; Hal Marshall N.C. DENR No. 192, N.C. DHHS Laboratory No. 37527

CHARLOTTE-MECKLENBURG UTILITIES - LABORATORY SERVICES DIVISION

Hal Marshall Laboratory, 700 North Tryon St., Charlotte, NC 28202, 704/336-5460

CHAIN OF CUSTODY RECORD

CLIENT:	**Mecklenburg County, LUESA - Groundwater & Wastewater Services**
FACILITY:	Groundwater **(Potable Water)**
ADDRESS:	3738 Oak View Court, Matthews, NC 28105
LAB CODE:	REAL PRIV (NEW) TNC MPL PME AMB LM OTHER

Send Report To:
Debra Howell
700 N. Tryon St., Suite 211
Charlotte, NC 28202

Sampled By (Print Name):
Debra Howell

SAMPLE ID	Sample Collector's Initials	Sample Collection: Begin Date and Time	Sample Collection: End Date and Time	Chlorinated System: Y or N	Sample Temperature: Collection Temp °C	Sample Temperature: Receipt Temp °C	Sample Type: Depth Composite	Sample Type: Auto Composite	Sample Type: Hand Comp	Sample Type: Grab	Sample Containers: Plastic	Sample Containers: Glass	Sample Containers: # Containers	Chemical Preservative: None	HNO3	H2SO4	NaOH	HCl	Na2S2O3	pH Correct	Analyses Requested: Nitrate	Nitrite
AC10460																						
GWO-72519 AC10460	DH	3/28/07 2:15pm	N/A	N	2.6°C	[redacted]				X	500 ml		1			X					X	
GWO-72519 AC10460	DH	3/28/07 2:15pm	N/A	N	2.6°C					X	125 ml		1	X							X	

Instructions:
Complete all yellow shaded sections
For each parameter requested circle the X to verify your request.
Nutrients include:
Metals: Itemize the individual metals requested here -
For Composite samples record the autosampler Begin date/time and End date/time, for Grab samples record the collect time as the Begin date/time only.
[redacted]

Comments: ****Nitrate and Nitrate Analysis Requested****

Relinquished By: (Signature)	Received By: (Signature)	Date	Time
Debra Howell		3/28/07	1500
Relinquished By: (Signature)	Received By: (Signature)	Date	Time
Relinquished By: (Signature)	Received By: (Signature)	Date	Time
Relinquished By: (Signature)	Received By: (Signature)	Date	Time
Relinquished By: (Signature)	Received By: (Signature)	Date	Time

Form Revision 07; effective 02/16/2006

Lab Codes: REAL=Real Estate, PRIV=Private Well, NEW=New Permitted Well, TNC=Transient Non-Community, AMB=Ambient, LM=Landfill

RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 2038

1. **WELL CONTRACTOR:**
John M Mullis
Well Contractor (Individual) Name
DL Mullis Well Drilling
Well Contractor Company Name
STREET ADDRESS 9300 Surface Hill Rd
Charlotte NC 28227
City or Town State Zip Code
704-5455694
Area code- Phone number

2. **WELL INFORMATION:**
SITE WELL ID #(if applicable)
STATE WELL PERMIT#(if applicable) 10001262
DWQ or OTHER PERMIT #(if applicable)
WELL USE (Check Applicable Box): Residential Water Supply ☒
DATE DRILLED 9-9-06
TIME COMPLETED 1210 AM ☐ PM ☒

3. **WELL LOCATION:** 3855 Misty Glen Ct.
CITY: MINT HILL COUNTY MECKLENBURG
Mint Lake Village
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)
TOPOGRAPHIC / LAND SETTING:
☑ Slope ☐ Valley ☐ Flat ☐ Ridge ☐ Other
(check appropriate box)
LATITUDE 35° 08.428'
LONGITUDE 80° 40.798'
May be in degrees, minutes, seconds or in a decimal format
Latitude/longitude source: ☒ GPS ☐ Topographic map
(location of well must be shown on a USGS topo map and attached to this form if not using GPS)

4. **WELL OWNER**
OWNER'S NAME Owners Assoc Inc - Mint Lake
STREET ADDRESS 3818 Matthews-Mint Hill Rd
Matthews NC 28105
City or Town State Zip Code
704-3217828
Area code - Phone number

5. **WELL DETAILS:**
a. TOTAL DEPTH: 350'
b. DOES WELL REPLACE EXISTING WELL? YES ☐ NO ☒
c. WATER LEVEL Below Top of Casing: 40' FT.
(Use "+" if Above Top of Casing)
d. TOP OF CASING IS 2' FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.
e. YIELD (gpm): 100 METHOD OF TEST air

f. DISINFECTION: Type HTH Amount 2 lbs.
g. WATER ZONES (depth):
From 125' To 175' From ____ To ____
From ____ To 250' From ____ To ____
From 160' To 285' From ____ To ____

6. CASING:

	Depth	Diameter	Thickness/ Weight	Material
From +1½	To 84'	Ft. 8 5/8"		STEEL
From ____	To ____	Ft. ____		
From ____	To ____	Ft. ____		

7. GROUT:

	Depth	Material	Method
From 0'	To 84'	Ft. cement	pumped
From ____	To ____	Ft. ____	
From ____	To ____	Ft. ____	

8. SCREEN:

	Depth	Diameter	Slot Size	Material
From ____	To ____	Ft. ____ in.	____ in.	
From ____	To ____	Ft. ____ in.	____ in.	
From ____	To ____	Ft. ____ in.	____ in.	

9. SAND/GRAVEL PACK:

	Depth	Size	Material
From ____	To ____	Ft. ____	
From ____	To ____	Ft. ____	
From ____	To ____	Ft. ____	

10. DRILLING LOG

From	To	Formation Description
0'	40'	clay
40'	60'	sand - clay
60'	84'	dirt rock
84'	350'	granite - quartz

11. **REMARKS:**

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

D. L. Mullis 9-9-06
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

MIKE MULLIS · KELVIN BELK
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit the original to the Division of Water Quality within 30 days. Attn: Information Mgt., 1617 Mail Service Center – Raleigh, NC 27699-1617 Phone No. (919) 733-7015 ext 568.

Form GW-1a Rev. 7/05

Mecklenburg County Health Department
Groundwater & Wastewater Services
700 N. Tryon St, Suite 211
Charlotte, NC 28202
Phone: (704) 336-5103
Fax: (704) 336-6884

PERMIT TO CONSTRUCT A WATER SUPPLY WELL

Permit #: 10001262 **File #:** 6710B **Tax Parcel #:** 195-018-97
Property Owner: OWNERS ASSOCIATION INC - MINT LAKE VILLAGE TOWN
Job Location Address: 3855 MISTY GLEN CT
City/ETJ: MATTHEWS **State:** NC **Zip Code:** 28105
Permit Issuance Date: 8/10/2006
Use of Well: Irrigation
Type of Facility Served by Well: Other Residential
Sewage System Type: None

Area of Regulated Groundwater Usage Restrictions Apply: YES

Replacement for Existing Well: If Yes, see requirements in Other Conditions of This Permit.

General Conditions of This Permit:

- Water Supply Well construction must meet all requirements set forth in the *Mecklenburg County Groundwater Well Regulations* and any other applicable rules and laws.
- A North Carolina Certified Well Contractor must perform the well construction activities.
- The permitted Water Supply Well shall be located in accordance with the attached SITE PLAN.
- Any alteration of the site (including location of structures and appurtenances) or modification in use of the well, may subject this Permit to revocation.
- The Department will collect an initial sample of water from the Water Supply Well and analyze the sample for total coliform bacteria, nitrate, and nitrite. A review of the analysis by the Department must find the sample to meet the groundwater quality standards specified in Chapter 5 of the Mecklenburg County Groundwater Well Regulations before the Water Supply Well can be placed in service.
- This Permit shall be VALID for a period not to exceed 12 months from the date of issuance.

Specific Conditions of This Permit (Check all that apply):

[X] Grout must be placed the full extent of the casing. [X] Casing to bedrock

[X] Initial water sample to be taken and analyzed for (check all that apply):

[X] Volatile Organic Compounds (VOC's) [ ] Semi-volatile Compounds [ ] Metals (Specify in Other Conditions)
[ ] Pesticides [ ] Herbicides [ ] Other (See Below)

The analysis must be submitted to the Department for review and approval prior to the Water Supply well being placed in service.

Other Conditions of This Permit:

WSW must be installed in NE corner of property on that it remains outside of 1000' from property boundaries of contamination sites in the area to include PIDs: 195-331-57, 193-322-32, 195-018-95, and 215-162-03.

Jack L. Stutts
~~Authorized Agent~~ Print Name

Jack L. Stutts RST
Signature

Allison Price / DL Mullis Well
Owner/Legal Agent: Print Name

Signature: Allison Price

Mecklenburg County Health Department
Groundwater & Wastewater Services
700 N. Tryon St, Suite 211
Charlotte, NC 28202
Phone: (704) 336-5103
Fax: (704) 336-6894

PERMIT TO CONSTRUCT A WATER SUPPLY WELL

Permit #: 10001262 **File #:** 6710B **Tax Parcel #:** 195-018-97
Property Owner: OWNERS ASSOCIATION INC - MINT LAKE VILLAGE TOWN
Job Location Address: 3855 MISTY GLEN CT
City/ETJ: MATTHEWS **State:** NC **Zip Code:** 28105
Permit Issuance Date: 8/10/2006
Use of Well: Irrigation
Type of Facility Served by Well: Other Residential
Sewage System Type: None

Area of Regulated Groundwater Usage Restrictions Apply: YES

Replacement for Existing Well: If Yes, see requirements in Other Conditions of This Permit.

General Conditions of This Permit:

- Water Supply Well construction must meet all requirements set forth in the *Mecklenburg County Groundwater Well Regulations* and any other applicable rules and laws.
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Specific Conditions of This Permit (Check all that apply):

[X] Grout must be placed the full extent of the casing. [X] Casing to bedrock

[X] Initial water sample to be taken and analyzed for (check all that apply):

[X] Volatile Organic Compounds (VOC's) [ ] Semi-volatile Compounds [ ] Metals (Specify in Other Conditions)
[ ] Pesticides [ ] Herbicides [ ] Other (See Below)

The analysis must be submitted to the Department for review and approval prior to the Water Supply well being placed in service.

Other Conditions of This Permit:

WSW must be installed in NE corner of property so that it remains outside of 1000' from property boundaries of contamination sites in the area to include PID#s 135-331-57, 193-322-32, 195-018-95, and 215-162-03.

Jack L. Stutts
~~Authorized Agent:~~ Print Name

Signature: J. L. Stutts RST

Owner/Legal Agent: Print Name

Signature:

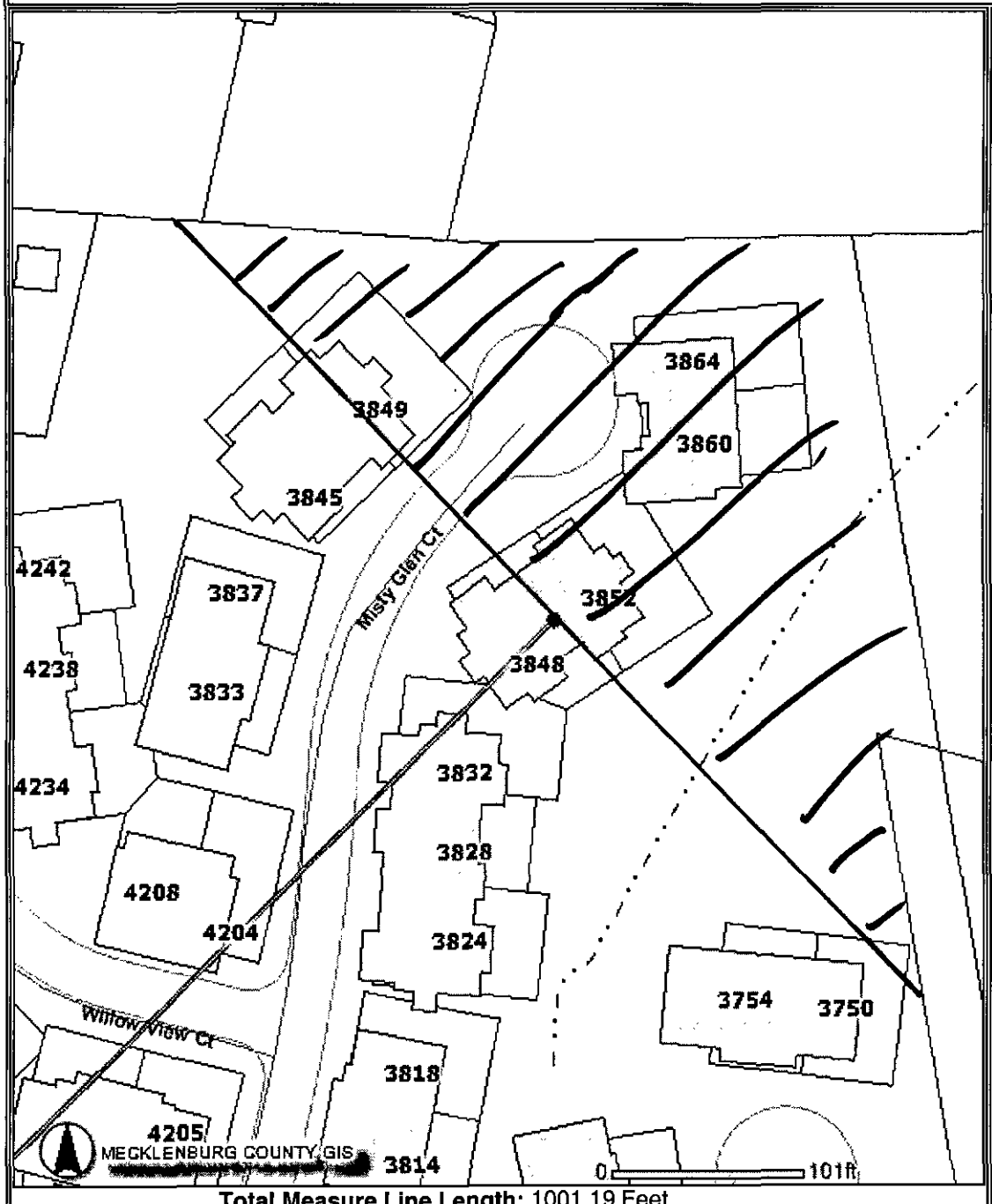
Mecklenburg County, North Carolina

POLARIS

Property Ownership Land Records Information System

Date Printed: Thu Aug 10 13:38:35 EDT 2006

Mint Lake Town Homes Permissable Well Area



Total Measure Line Length: 1001.19 Feet



This map is prepared for the inventory of real property within Mecklenburg County and is compiled from recorded deeds, plats, tax maps, surveys, planimetric maps, and other public records and data. Users of this map are hereby notified that the aforementioned public primary information sources should be consulted for verification. Mecklenburg County and its mapping contractors assume no legal responsibility for the information contained herein.

Legend

- Selected Features
- County Boundary
- Utility ROW
- Railroad ROW
- Tax Parcel Easements

Miscellaneous Parcel Lines

- Original Lot Lines
- Private Roads
- Private Roads
- Pipelines
- Condo Outlines
- Condo Outlines
- Parcel Lines in other county
- Rights of Way in other county
- Air Rights Parcels

Streets

- Interstates
- Major Roads
- Minor Roads

- Streams
- Water Bodies
- Building Footprints
- Tax Parcels

☑ - Well Area

Rept. for ARGU Review
3855 Misty Glen Ct., Matthews, NC
PID# 195-018-97
File # 6710B
App.# 1262

Public water supplied by CMUD is currently available at this site.

8/10/06 (Thurs.) - Received request for ARGU review for private well installation for an irrigation WSW located at 3855 Misty Glen Ct.., Matthews, PID#195-018-97. According to the WIS, there are not existing wells at this property.

8/10/06 (Thurs.) - Conducted ARGU Review. Identified 4 MPL sites within 2,000' of the subject parcel.

MPL# 419 Hoods Crossroads Drycleaners
3607 Matthews-Mint Hill Rd., Matthews, NC
PID# 135-331-57
NCDENR APS Inc. #17040
Source-chlorinated solvent release

File Review of MPL# 419:

NCDENR APS database indicates an open file for PCE, toluene, propylbenzene detected in downgradient wells.

MPL investigation completed in 1998. 62 WSWs were located within 1500' and 11 were sampled for VOCs with no detections.

There is no record of sampling results from the WSW recorded onsite.

This property is within 1,000' of the subject site, but is more than 1,000' from the proposed irrigation WSW location at the northeast corner of the subject property.

MPL# 938 Crown Multi-Pump, NC 630
3431 Matthews-Mint Hill Rd., Charlotte, NC
PID# 193-322-32
NCDENR UST Inc. #18813
Source-gasoline USTs

File Review of MPL# 938:

NCDENR UST Section database indicates an open file for a high risk UST site with corrective action for soils and GW.

MPL investigation completed in 1999. 72 WSWs were located within 1500' and 9 were sampled for VOCs with no detections.

No WSW is recorded onsite.

This property is within 1,000' of the subject site, but is more than 1,000' from the proposed irrigation WSW location at the northeast corner of the subject property.

MPL# 1088 Sams Mart/Quicke Shoppe #8
13101 Idlewild Rd., Charlotte, NC
PID# 19501895
NCDENR UST Inc. #18812
Source-gasoline USTs

File Review of MPL# 1088:

NCDENR UST Section database indicates an open file for a high risk UST site with soil and GW contamination.

3 WSWs within 1,500' were sampled for VOCs by NCDENR in 2005, including the onsite WSW with no detections.

This property is within 1,000' of the subject site, but is more than 1,000' from the proposed irrigation WSW location at the northeast corner of the subject property.

MPL# 831 BP Station#24207
3424 Matthews-Mint Hill Rd., Matthews, NC
PID# 215-162-03
NCDENR UST Inc. #19687
Source-gasoline USTs

File Review of MPL# 831:

NCDENR UST Section database indicates an open file for a high risk UST site with corrective action for soils and GW.

MPL investigation completed in 2002. 90 WSWs were located within 1500' and 4 were sampled for VOCs with no detections.

There is no record of sampling results from the WSW recorded onsite.

This property is within 1,000' of the subject site, but is more than 1,000' from the proposed irrigation WSW location at the northeast corner of the subject property.

Based on review of our files, the permit for a private well installation PID# 195-018-97, 3855 Misty Glenn Ct., Matthews, NC is approved with special conditions. The well requires installation under the Mecklenburg Co. Groundwater Regulations dated Oct. 5, 2004, Chapter II Construction, Repair and Abandonment for Private Water Supply Wells to include grouting the full extent of casing and sampling for VOCs.

End.

Date: 8/10/06
Reviewed By: SWC

MECKLENBURG COUNTY
Land Use & Environmental Services Agency
Groundwater & Wastewater Services

ARGU Review Worksheet

Job Location Information

Tax Parcel ID #: 195-018-97 File # 6710B

Street Address: 3855 Misty Glenn Ct., Matthews, NC 28105

Contamination Site Information

(If more than one contamination site is within 2000 feet of the job location, fill out a separate review worksheet for each contamination site)

Tax Parcel ID #: 135-331-57 MPL # 419

Street Address: 3607 Matthews-Mint Hill Rd., Matthews, NC 28105

DENR Incident #: 17040

Current Status: Open Why? PCE, toluene, Propylbenzene detected in downgradient wells

Responsible Party: unknown

Responsible Party Contact Info:

File Review

Attach the most recent extent of contamination map for each constituent above either 2L groundwater standard or Maximum Soil Contaminant Concentration (MSCC).

Attach copies of groundwater flow maps. (Watch of seasonal change)

Attach a copy of the most recent summary table for soil/groundwater laboratory analysis
Is the source area identified in either the report text or on a site map? Attach map or if text only, indicated the location on an extent of contamination map. N
Based on this information, answer the following questions:

Has the extent of contamination been defined or partially defined for all constituents-of-concern? N

If Yes	ARGU is a 1500-foot buffer around the maximum extent of contamination

If No, is the source area defined?

If Yes	ARGU is a 1500-foot buffer around the source area
If No	ARGU is a 1500-foot buffer around the contamination site property boundary. N

Is a public water supply (other than transient or non-transient supply wells) available to the proposed job location? Y

If No	Well allowed, but construction requirements apply. Sampling requirements may apply pending hydrogeologic review.
If Yes	Is the well within the first 1000 feet of the ARGU? N
If No	Well allowed, but construction requirements apply. Sampling requirements may apply pending hydrogeologic review.
If Yes	Permit denied.

Reviewer Comments: Requirements for well installation will include Meck. Co. GW Regulations dated Oct. 4, 2004 Chapter VII Section IV Requirements for New Water Supply Wells Within an Area of Regulated GW Usage to include grouting the full extent of casing and sampling for VOCs.

Date: 8/10/06
Reviewed By: SWC

MECKLENBURG COUNTY

Land Use & Environmental Services Agency
Groundwater & Wastewater Services

ARGU Review Worksheet

Job Location Information

Tax Parcel ID #: 195-018-97 File # 6710B

Street Address: 3855 Misty Glenn Ct., Matthews, NC 28105

Contamination Site Information

(If more than one contamination site is within 2000 feet of the job location, fill out a separate review worksheet for each contamination site)

Tax Parcel ID #: 193-322-32 MPL # 938

Street Address: 3431 Matthews-Mint Hill Rd., Matthews, NC 28105

DENR Incident #: 18813

Current Status: Open Why? High risk UST
UST site with corrective action for soils and gw

Responsible Party: John Wolfe

Responsible Party Contact Info: Crown Central Petroleum

File Review

Attach the most recent extent of contamination map for each constituent above either 2L groundwater standard or Maximum Soil Contaminant Concentration (MSCC).

Attach copies of groundwater flow maps. (Watch of seasonal change)

Attach a copy of the most recent summary table for soil/groundwater laboratory analysis
Is the source area identified in either the report text or on a site map? Attach map or if text only, indicated the location on an extent of contamination map. N
Based on this information, answer the following questions:

Has the extent of contamination been defined or partially defined for all constituents-of-concern? N

If Yes	ARGU is a 1500-foot buffer around the maximum extent of contamination

If No, is the source area defined?

If Yes	ARGU is a 1500-foot buffer around the source area
If No	ARGU is a 1500-foot buffer around the contamination site property boundary. N

Is a public water supply (other than transient or non-transient supply wells) available to the proposed job location? Y

If No	Well allowed, but construction requirements apply. Sampling requirements may apply pending hydrogeologic review.
If Yes	Is the well within the first 1000 feet of the ARGU? N
If No	Well allowed, but construction requirements apply. Sampling requirements may apply pending hydrogeologic review.
If Yes	Permit denied.

Reviewer Comments: Requirements for well installation will include Meck. Co. GW Regulations dated Oct. 4, 2004 Chapter VII Section IV Requirements for New Water Supply Wells Within an Area of Regulated GW Usage to include grouting the full extent of casing and sampling for VOCs.

Date: 8/10/06
Reviewed By: SWC

MECKLENBURG COUNTY

Land Use & Environmental Services Agency
Groundwater & Wastewater Services

ARGU Review Worksheet

Job Location Information

Tax Parcel ID #: 195-018-97 File # 6710B

Street Address: 3855 Misty Glenn Ct., Matthews, NC 28105

Contamination Site Information

(If more than one contamination site is within 2000 feet of the job location, fill out a separate review worksheet for each contamination site)

Tax Parcel ID #: 195-018-95 MPL # 1088

Street Address: 13101 Idlewild Rd., Charlotte, NC 28227

DENR Incident #: 18812

Current Status: Open Why? High risk UST site with soil and GW contamination

Responsible Party: Nisbet Oil Co.

Responsible Party Contact Info:

File Review

Attach the most recent extent of contamination map for each constituent above either 2L groundwater standard or Maximum Soil Contaminant Concentration (MSCC).

Attach copies of groundwater flow maps. (Watch of seasonal change)

Attach a copy of the most recent summary table for soil/groundwater laboratory analysis
Is the source area identified in either the report text or on a site map? Attach map or if text only, indicated the location on an extent of contamination map. N
Based on this information, answer the following questions:

Has the extent of contamination been defined or partially defined for all constituents-of-concern? N

If Yes	ARGU is a 1500-foot buffer around the maximum extent of contamination

If No, is the source area defined?

If Yes	ARGU is a 1500-foot buffer around the source area
If No	ARGU is a 1500-foot buffer around the contamination site property boundary. N

Is a public water supply (other than transient or non-transient supply wells) available to the proposed job location? Y

If No	Well allowed, but construction requirements apply. Sampling requirements may apply pending hydrogeologic review.
If Yes	Is the well within the first 1000 feet of the ARGU? N
If No	Well allowed, but construction requirements apply. Sampling requirements may apply pending hydrogeologic review.
If Yes	Permit denied.

Reviewer Comments: Requirements for well installation will include Meck. Co. GW Regulations dated Oct. 4, 2004 Chapter VII Section IV Requirements for New Water Supply Wells Within an Area of Regulated GW Usage to include grouting the full extent of casing and sampling for VOCs.

Date: 8/10/06
Reviewed By: SWC

MECKLENBURG COUNTY

Land Use & Environmental Services Agency
Groundwater & Wastewater Services

ARGU Review Worksheet

Job Location Information

Tax Parcel ID #: 195-018-97 File # 6710B

Street Address: 3855 Misty Glenn Ct., Matthews, NC 28105

Contamination Site Information

(If more than one contamination site is within 2000 feet of the job location, fill out a separate review worksheet for each contamination site)

Tax Parcel ID #: 215-162-03 MPL # 831

Street Address: 3424 Matthews-Mint Hill Rd., Matthews, NC 28105

DENR Incident #: 19687

Current Status: Open Why? High risk UST site with corrective action for soil and GW contamination

Responsible Party: BP Products of North America

Responsible Party Contact Info:

File Review

Attach the most recent extent of contamination map for each constituent above either 2L groundwater standard or Maximum Soil Contaminant Concentration (MSCC).

Attach copies of groundwater flow maps. (Watch of seasonal change)

Attach a copy of the most recent summary table for soil/groundwater laboratory analysis
Is the source area identified in either the report text or on a site map? Attach map or if text only, indicated the location on an extent of contamination map. N
Based on this information, answer the following questions:

Has the extent of contamination been defined or partially defined for all constituents-of-concern? N

If Yes	ARGU is a 1500-foot buffer around the maximum extent of contamination

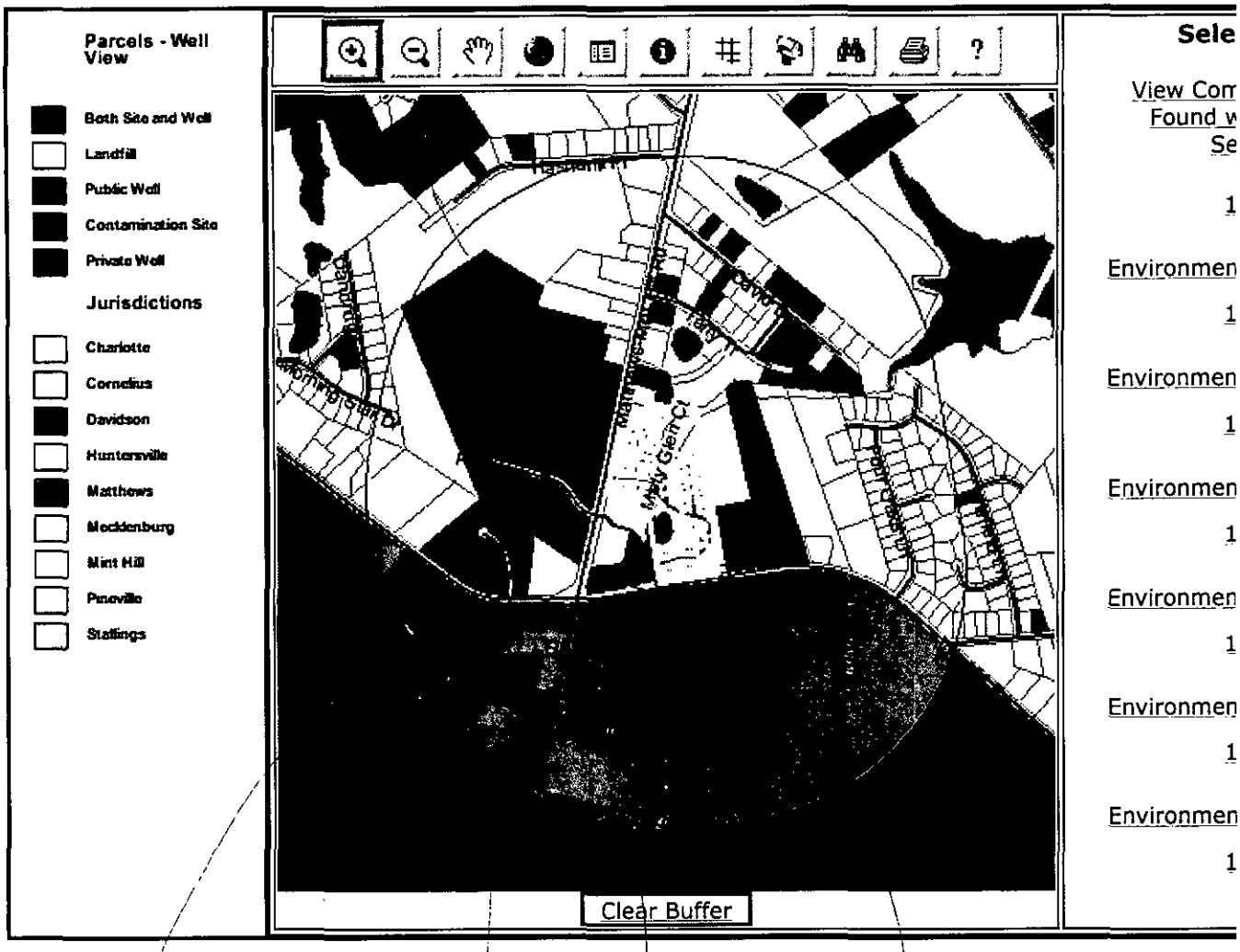
If No, is the source area defined?

If Yes	ARGU is a 1500-foot buffer around the source area
If No	ARGU is a 1500-foot buffer around the contamination site property boundary. N

Is a public water supply (other than transient or non-transient supply wells) available to the proposed job location? Y

If No	Well allowed, but construction requirements apply. Sampling requirements may apply pending hydrogeologic review.
If Yes	Is the well within the first 1000 feet of the ARGU? N
If No	Well allowed, but construction requirements apply. Sampling requirements may apply pending hydrogeologic review.
If Yes	Permit denied.

Reviewer Comments: Requirements for well installation will include Meck. Co. GW Regulations dated Oct. 4, 2004 Chapter VII Section IV Requirements for New Water Supply Wells Within an Area of Regulated GW Usage to include grouting the full extent of casing and sampling for VOCs.



MPL 419

MPL#831

MPL 1088

MPL#938

#1262

GWS – RES. APP 12/04

400.00 8/4/06 JKA VISA

[redacted]

PERMIT APPLICATION FOR A RESIDENTIAL SITE
IMPROVEMENT PERMIT / CONSTRUCTION AUTHORIZATION
FOR ON-SITE WASTEWATER SYSTEM
NEW WELL INSTALLATION OR REPAIR OF EXISTING WELL
MECKLENBURG COUNTY GROUNDWATER & WASTEWATER SERVICES

[redacted]

FILE # 6710B

SEPTIC / TYPE APPLICATION: ☐ NONE ☐ NEW SYSTEM EXISTING SYSTEM: ☐ EXPANSION/ALTERATION ☐ REPAIR

WELL / TYPE APPLICATION: ☐ NONE ☒ NEW WELL ☐ MAJOR REPAIR ☐ ABANDONMENT

JOB LOCATION INFORMATION:

TAX/PARCEL #: 19501897 3855 Misty Glen Ct
STREET ADDRESS: ~~3818 Matthews Mint Hill Rd~~
CITY: Matthews
STATE: NC ZIP: 28105-3608
SUBDIVISION OR MOBILE HOME PARK NAME:
LOT #:
TOWNSHIP:

☐ 0-MECKLENBURG ☐ 4-PINEVILLE
☐ 1-CHARLOTTE ☒ 5-MATTHEWS
☐ 2-DAVIDSON ☐ 6-HUNTERSVILLE
☐ 3-CORNELIUS ☐ 7-MINT HILL

BUILDING INFORMATION:

TYPE OF BUILDING:

☐ SINGLE MOBILE HOME (S) ☐ MODULAR HOME (M)
☐ DOUBLE WIDE (D) ☐ MULTIPLE FAMILY (U)
☐ HOUSE (H) ☒ OTHER Townhomes

HEATED SQUARE FOOTAGE: 1800
NUMBER OF BEDROOMS: 3
NUMBER OF OCCUPANTS:

FOUNDATION FOR RESIDENCE:

☒ CONCRETE SLAB ☐ BASEMENT WITH PLUMBING
☐ CRAWLSPACE ☐ BASEMENT WITH NO PLUMBING

IF PLANNING TO EXPAND/ALTER THE EXISTING SYSTEM INDICATE THE FOLLOWING CHANGES:

NUMBER OF BEDROOMS TO BE ADDED: NUMBER OF ADDITIONAL OCCUPANTS IN THE RESIDENCE:
WILL THERE BE A HOME BUSINESS IN THE RESIDENCE? ☐ YES ☐ NO TYPE:

WATER SUPPLY:

☐ MUNICIPAL (M) ☐ PUBLIC (C) ☑ PRIVATE WELL (P) ☐ SHARED WELL (S) ☐ OTHER 'SPRINGS' (O)

PROPOSED USE OF WELL: ☐ N/A ☒ IRRIGATION ☐ POTABLE ☐ GEOTHERMAL ☐ OTHER

ARE ANY OF THE FOLLOWING LOCATED ON THE PROPERTY? IF SO, PLEASE SHOW LOCATION ON SITE PLAN/PLAT.

BURIED CABLES, LANDFILLS, STUMPHOLES	☑ YES	☐ NO	WELLS, SPRINGS, OR WATER LINES	☐ YES	☒ NO
EXISTING WASTEWATER SYSTEMS	☐ YES	☑ NO	DESIGNATED WETLANDS	☐ YES	☒ NO
EASEMENTS OR RIGHT-OF-WAYS	☑ YES	☐ NO	GRADING/SOIL REMOVAL PERFORMED	☐ YES	☒ NO

PROPERTY OWNER:

NAME: Owners Assoc Inc Mint Lake Village Town Homes
ADDRESS: 3818 Matthews Mint Hill Rd
CITY: Matthews
STATE: NC ZIP: 28105
HOME PHONE: 7043217828 WORK PHONE:
MOBILE PHONE: FAX:

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME: DLMullis Well Drilling
ADDRESS: PO Box 691446
CITY: Charlotte
STATE: NC ZIP: 28227
HOME PHONE: WORK PHONE: 7045455694
MOBILE PHONE: FAX: 7045155449

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED?
WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY?

*An Improvement Permit is subject to suspension or revocation if site plans or the intended use change or if information submitted in this application is falsified or changed. The undersigned, owner, or legal agent for the owner, of the property described above as the "Job Location" has read the foregoing application, acknowledges that the contents of same are true, and authorizes the Mecklenburg County Health Department to enter onto the property for the purpose of processing this request.

Owner's/Agent's Signature Date

NORTH CAROLINA DEPARTMENT OF
ENVIRONMENT & NATURAL RESOURCES DIVISION

*A Well Permit is subject to suspension or revocation if site plans or the intended use change or if information submitted in this application is falsified or changed. The undersigned, owner, or legal agent for the owner, of the property described above as the "Job Location" has read the foregoing application, acknowledges that the contents of same are true, and authorizes the Mecklenburg County Health Department to enter onto the property for the purpose of processing this request.

Aaron Price DL Mullis 8-2-06
Owner's/Agent's Signature Date

MECKLENBURG COUNTY HEALTH DEPARTMENT
GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST., SUITE 211

*Please call for payment

AUG-2-2006 02:11P FROM:DL MULLIS WELL DRILL 704 545 9449 TO:7043368894 P.1

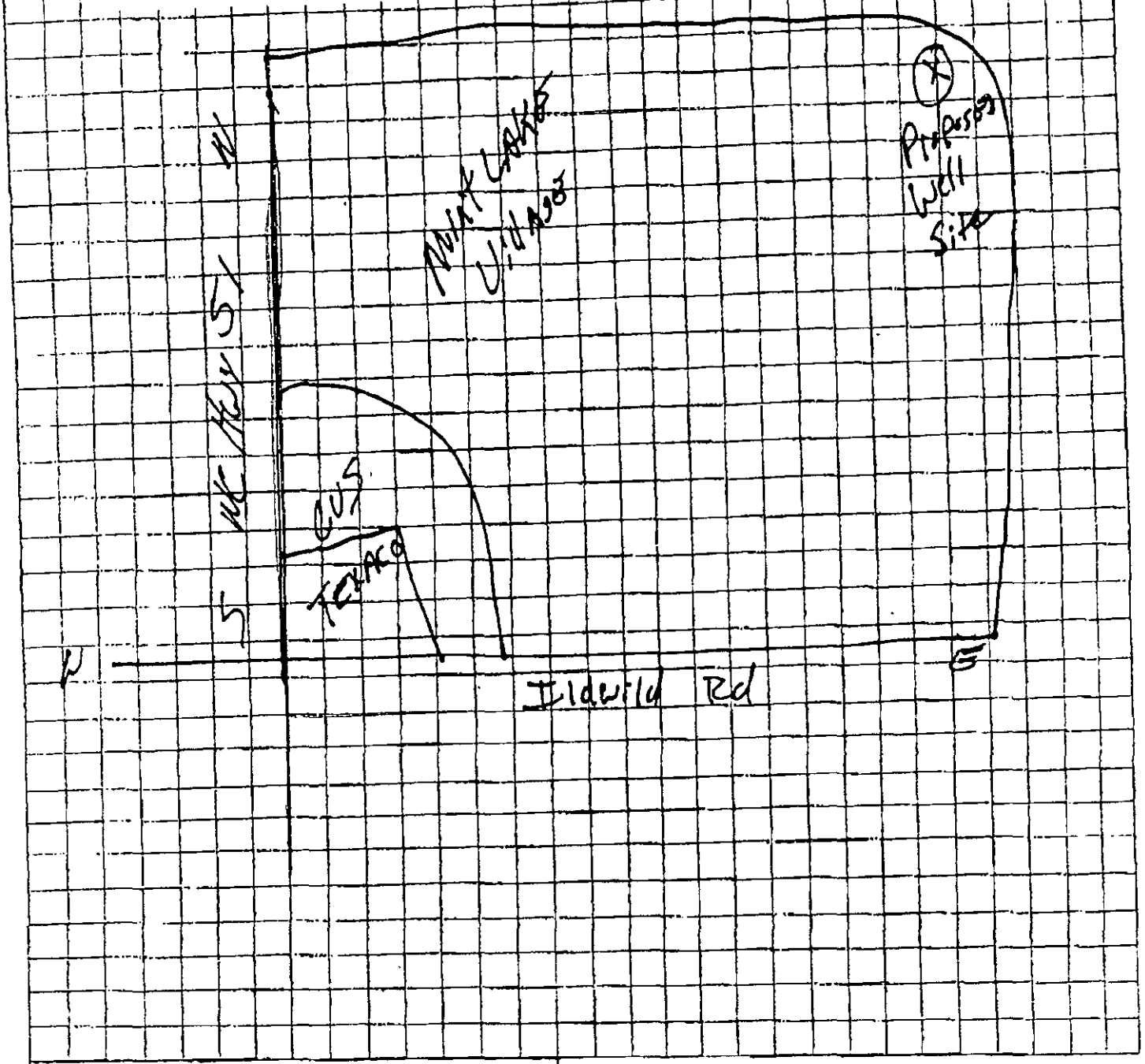
8-2006 15:07 MECKLENBURG CO GWS

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE (704) 336-5103

FILE: 6710RB 6710B

TC: _____

Draw in and name all roads adjoining the property. Draw in and accurately dimension the lot concerned. Accurately indicate property boundaries proposed and/or existing structures and driveways, underground utilities, and wells and springs within 100 feet of the proposed building or drainfield.



Allison Phillips for D.L. Mullis
OWNER/AGENT SIGNATURE

DATE 8-2-06

APPROVAL DATE _____

White - Health Department's Copy

Canary - E.H.S. Copy

waiting on call from
Mullis well Drilling.

Sample For

VOC's

TCL N; N

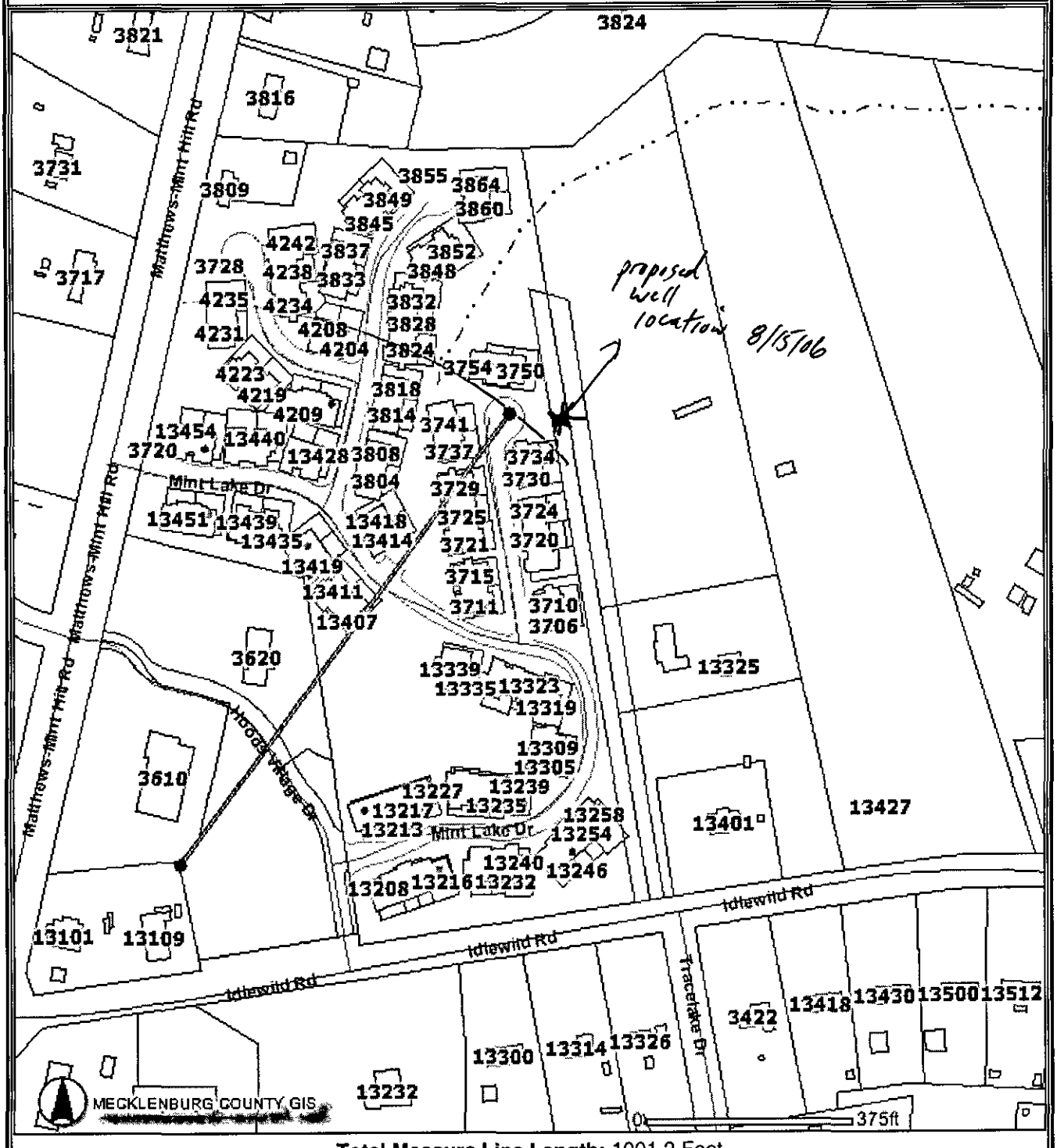
10-11-06

Mecklenburg County, North Carolina

POLARIS

Property Ownership Land Records Information System

Date Printed: Wed Aug 16 11:30:21 EDT 2006



Total Measure Line Length: 1001.2 Feet

This map is prepared for the inventory of real property within Mecklenburg County and is compiled from recorded deeds, plats, tax maps, surveys, planimetric maps, and other public records and data. Users of this map are hereby notified that the aforementioned public primary information sources should be consulted for verification. Mecklenburg County and its mapping contractors assume no legal responsibility for the information contained herein.