

1900 QUEEN CITY DR

06115101

10/5/09

thomatc

Groundwater and Wastewater Services File Imaging Project
May 2007
Barcode Font = IDAutomationHC39M

********** -COMM. JOURNAL- ********** DATE JUN-24-2009 [illegible]

MODE = MEMORY TRANSMISSION START=JUN-24 [illegible] END=JUN 24 [illegible]

FILE NO.=747

STN NO.	COMM.	ONE-TOUCH/ ABBR NO.	STATION NAME/TEL NO.	PAGES	DURATION
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-MECKLENBURG CO GWS --

********** - [illegible] - 7043360934 [illegible]

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

Fax Coversheet

NOTICE

The information contained in this fax may be privileged and/or confidential and is intended only for the use of the person to who it is addressed. If the reader of this message is not the intended recipient (or such recipient's employee or agent), you are hereby notified not to read, distribute, or copy the materials attached hereto without the prior written consent of the sender. If you have received this fax in error, please notify the sender by telephone call and return the original to us by mail and you will be reimbursed for the required postage. Thank you.

To: James Darby Fax #: 803-329-1935

Phone #:

From: Jack Stutts Date: 6/24/09

Number of pages transmitted: 3 (including coversheet)

Comments: Permit for 1900 Queen City Dr.
Please sign and Fax back

If you do not receive all pages of this fax please call (704) 336-5103.

☐ Original will not follow

☐ Original will follow via: ☐ U.S. Mail ☐ Hand Delivery ☐

700 North Tryon Street • Suite 211 • Charlotte, North Carolina 28202-2236
Office #: (704) 336-5103 • Fax #: (704) 336-6894

MECKLENBURG COUNTY

Land Use & Environmental Services Agency
Groundwater & Wastewater Services

Fax Coversheet

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700 North Tryon Street • Suite 211 • Charlotte, North Carolina 28202-2236
Office #: (704) 336-5103 • Fax #: (704) 336-6894

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

Grout Inspection
☐ Observed _____ _____
☐ Not Observed _____ _____
Initials Date

PERMIT TO CONSTRUCT A WATER SUPPLY WELL

Permit #: 10004228 **File #:** 2605 **Tax Parcel #:** 061-151-01
Property Owner: 2XSALT, INC.
Job Location Address: 1900 QUEEN CITY DR
City/ETJ: CHARLOTTE **State:** NC **Zip Code:** 28208
Permit Issuance Date: 6/22/2009
Use of Well: Irrigation
Type of Facility Served by Well:

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.
- The Department will collect an initial sample of water from the Water Supply Well and analyze the sample for Arsenic, Barium, Cadmium, Chromium, Copper, Fluoride, Lead, Iron, Magnesium, Manganese, Mercury, Silver, Sodium, Zinc, and pH.
- 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):

☒ Grout must be placed the full extent of the casing. ☒ Casing to bedrock

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

☒ 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:

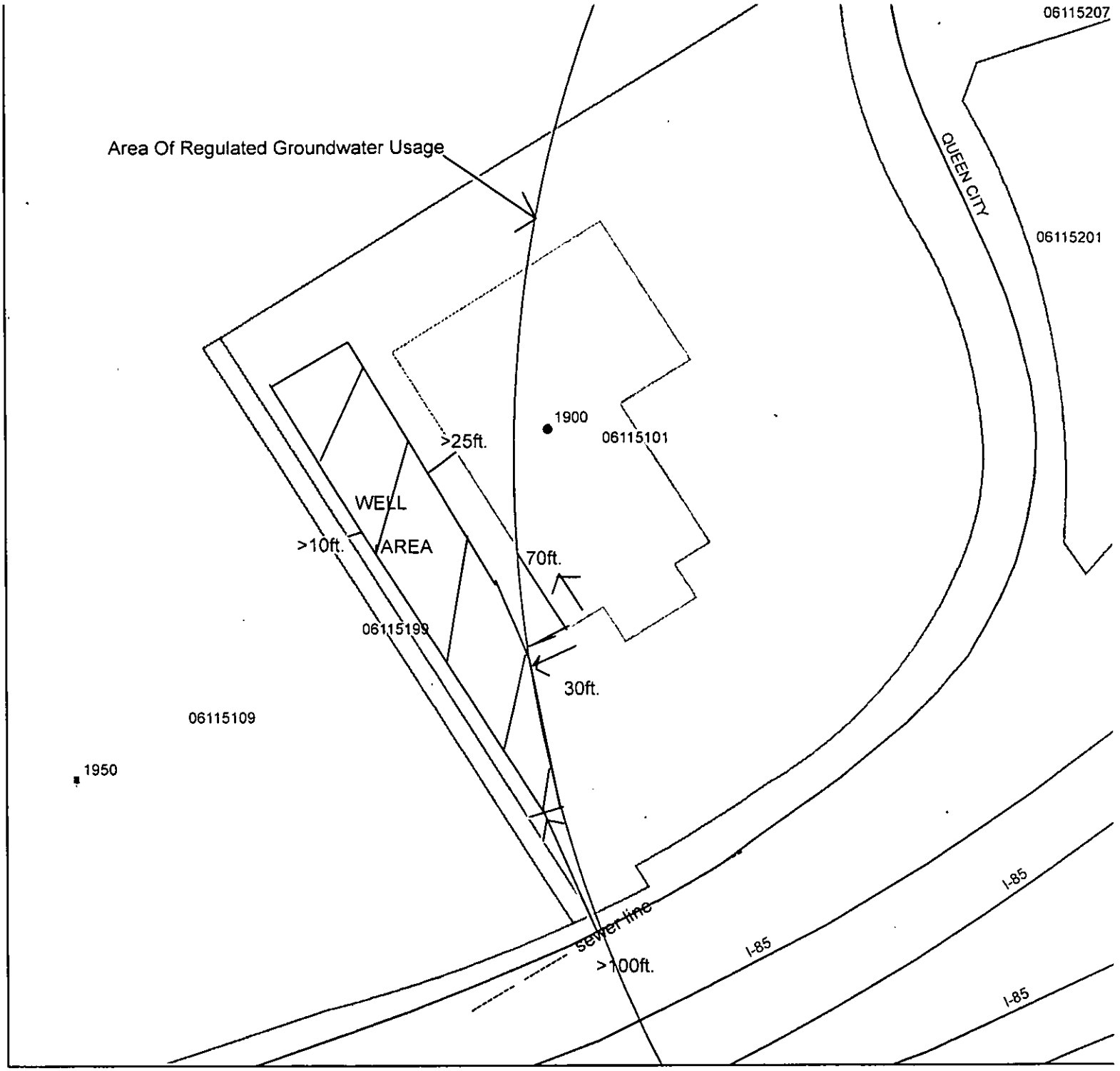
Well can only be permitted in area more than 1,000' from MPL#53 as indicated in figure included in ARGU review file.

Debra Howell R.S.
Authorized Agent: Print Name

Debra Howell R.S.
Signature:

Owner/Legal Agent: Print Name

Signature:



WELL PERMIT PLOT PLAN

PERMIT # 10004228 FILE # 2605

ADDRESS: 1900 QUEEN CITY DRIVE
PID # 061-151-01

WELL SETBACKS:
>10 FEET FROM PROPERTY LINES
>25 FEET FROM BUILDING FOUNDATION OR AS STATED
>50 FEET FROM SURFACE WATER & RETENTION POND
>100 FEET FROM SANITARY SEWER LINE & SEPTIC SYSTEM
WELL LOCATION MUST BE OUTSIDE:
UTILITY RIGHT OF WAY/SWIM BUFFER/FEMA FLOODPLAIN/
COMMUNITY FLOOD HAZARD

OWNER/LEGAL AGENT (PRINT NAME)

SIGNATURE DATE

Debra Howell, R.S.
AUTHORIZED AGENT (PRINT NAME)

Debra Howell R.S. 6/23/09
SIGNATURE DATE

0 75 150 300 Feet

Groundwater & Wastewater Services
Well Project File & Data Review Worksheet

GWS File #: 2605 WASPS App #: 4228

Primary ES assigned to project: Debra Howell

Secondary ES assigned to project: _____

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

Septic System Status: Permit In Progress ☐ Installation Complete ☐ N/A-Sewer ☑

I. File Review:

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

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 ☐	

Comments:

_____

_____

_____

_____

_____

Application received date: _____ Well approval date: _____

Review performed by: _____ Date performed: _____

X43025
550.00
6/4/09
V. Walker

7 803-329-4935 SC 4th Qtr DH

2605

MECKLENBURG COUNTY
GROUNDWATER & WASTEWATER SERVICES

4228

APPLICATION FOR A COMMERCIAL SITE IMPROVEMENT PERMIT/ CONSTRUCTION AUTHORIZATION FOR AN ON-SITE WASTEWATER SYSTEM, NEW WELL INSTALLATION, OR REPAIR OF EXISTING WELL

1. **SEPTIC / TYPE APPLICATION:** ☐ N/A ☐ NEW SYSTEM ☐ ALTERATION ☐ REPAIR ☐ MODIFIED PLOT PLAN

2. **WELL / TYPE APPLICATION:** ☐ N/A ☒ NEW WELL ☐ MAJOR REPAIR ☐ ABANDONMENT

3. **JOB LOCATION INFORMATION:**
TAX PARCEL NUMBER: 06115101
STREET ADDRESS: 1900 Queen City Dr.
CITY: Charlotte
STATE: NC ZIP: 28208
LOT #: LOT SIZE (acres):
TOWNSHIP:
☐ 0-MECKLENBURG ☐ 3-CORNELIUS ☐ 6-HUNTERSVILLE
☐ 1-CHARLOTTE ☐ 4-PINEVILLE ☐ 7-MINT HILL
☐ 2-DAVIDSON ☐ 5-MATTHEWS

4. **BUILDING INFORMATION:**
DESCRIBE TYPE OF BUSINESS: Ministry
☒ COMMERCIAL ☐ INDUSTRIAL
SQUARE FOOTAGE OF FACILITY:
NUMBER OF EMPLOYEES PER SHIFT: 8
NUMBER OF SHIFTS: 1 NUMBER OF SEATS: _____
TYPE OF WASTEWATER GENERATED:
☒ DOMESTIC SEWAGE ☐ INDUSTRIAL WASTEWATER
☐ OTHER _____

5. ***IF PLANNING TO EXPAND OR ALTER THE EXISTING SEPTIC SYSTEM, INFORMATION DOCUMENTING THE INCREASED WASTEWATER FLOW AND/OR A JUSTIFICATION FOR SYSTEM ALTERATION IS REQUIRED.***

6. **WATER SUPPLY:** ☒ MUNICIPAL ☐ PRIVATE WELL ☐ PUBLIC WELL ☐ SHARED WELL ☐ OTHER _____

7. **PROPOSED USE OF WELL:** ☐ N/A ☒ IRRIGATION ☐ POTABLE (DRINKING WATER) ☐ OTHER _____

8. **PLEASE INDICATE AND RANK DESIRED SEPTIC SYSTEM TYPE(S) IN ORDER OF PREFERENCE** *(1-MOST DESIRED 5-LEAST DESIRED):*

☐ N/A ☐ ANY TYPE ☐ CONVENTIONAL ☐ ACCEPTED ☐ INNOVATIVE ☐ ALTERNATIVE ☐ OTHER _____

8A. **RANK:** ____ ____ ____ ____ ____

9. **DO ANY OF THE FOLLOWING APPLY TO THE PROPERTY IN QUESTION? IF "YES" PLEASE ATTACH SUPPORTING DOCUMENTATION.**

BURIED CABLES, LANDFILLS, STUMPHOLES	☒ YES ☐ NO		GRADING/SOIL REMOVAL PERFORMED	☐ YES	☒ NO
EXISTING WASTEWATER (SEPTIC) SYSTEMS	☐ YES	☒ NO	JURISDICTIONAL WETLANDS	☐ YES	☒ NO
WELLS, SPRINGS, OR WATER LINES	☐ YES	☒ NO	APPROVAL REQUIRED BY ANY OTHER PUBLIC AGENCY	☐ YES	☒ NO
EASEMENTS OR RIGHT-OF-WAYS	☐ YES	☒ NO	WASTEWATER OTHER THAN DOMESTIC SEWAGE	☐ YES	☒ NO
CHEMICAL/PETROLEUM STORAGE TANKS	☐ YES	☒ NO	KNOWN UNDERGROUND CONTAMINATION	☐ YES	☒ NO
WASTE STORAGE	☐ YES	☒ NO	GROUNDWATER USE RESTRICTIONS/VARIANCES	☐ YES	☒ NO

10. **WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED?** _____ ☐ UNKNOWN

11. **WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY?** _____ ☐ N/A

12. **PROPERTY OWNER:**
NAME: 2XSALT, Inc.
ADDRESS: 1515 Mockingbird LN. Suite 111
CITY: Charlotte
STATE: NC ZIP: 28209
HOME PHONE:
WORK PHONE: 704-586-1555
MOBILE PHONE: 704-965-9250
FAX: 704-586-1588

13. **OWNER'S LEGAL REPRESENTATIVE, IF APPLICABLE:**
NAME:
ADDRESS:
CITY:
STATE: ZIP:
HOME PHONE:
WORK PHONE:
MOBILE PHONE:
FAX:

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST. SUITE 211 CHARLOTTE, NC 28202, OFFICE: 704-336-5103, FAX: 704-336-6894

Revised on: 7/1/08

14. SEPTIC SYSTEM PERMIT APPLICATION:

If the information in this application is falsified, changed, or the site is altered, then the Improvement Permit and Authorization to Construct shall become invalid. I have read this application and certify that the information provided herein is true, complete and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed. The permit is valid for either sixty (60) months or is non-expiring depending upon the documentation submitted: complete site plan = 60 months, complete plat = non-expiring.

_____ (Initial here for septic system applications)

15. WELL PERMIT APPLICATION:

If the information in this application is falsified, changed, or the site is altered, then the Well Permit shall become invalid. I have read this application and certify that the information provided herein is true, complete and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed. The permit is valid for a period of twelve (12) months from the date of issuance.

_____ (Initial here for well applications)

16. APPLICATION SIGNATURE SECTION:

ONLY COMPLETE APPLICATIONS WILL BE PROCESSED. A proper signature is required in order to process your application. Please review the application carefully and sign in the space provided below.

_____ 6/3/09

Property Owner's or Owner's Legal Representative Signature — Date

---

OFFICE USE ONLY

☐ SURVEY PLAT TO SCALE SUBMITTED ☐ SCALED SITE PLAN SUBMITTED ☐ UN-SCALED SITE PLAN SUBMITTED

SEPTIC APPLICATION FEES RECEIVED: $ _____ DATE FEE RECEIVED: _____

WELL APPLICATION FEES RECEIVED: $ 550 mail DATE FEE RECEIVED: 6/4/09

APPLICATION PROCESSED BY: JC

GWS FILE NUMBER ASSIGNED: 2605

APPLICATION ID NUMBER ASSIGNED: 4228

COMMENTS:

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST. SUITE 211 CHARLOTTE, NC 28202, OFFICE: 704-336-5103, FAX: 704-336-6894

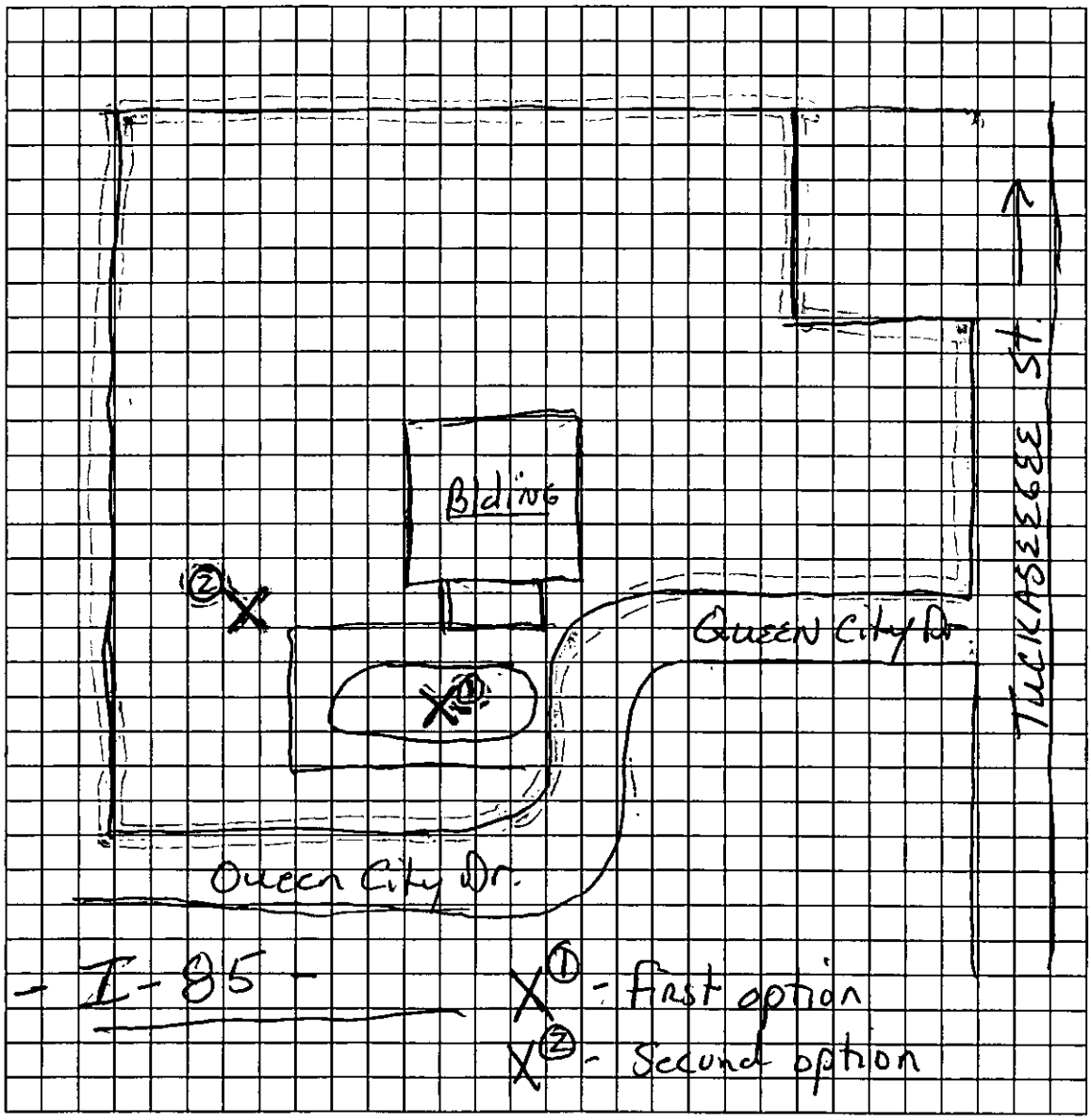
Revised on: 7/1/08

Mecklenburg County
Land Use & Environmental Service Agency
Groundwater & Wastewater Services
700 N. Tryon St., Suite 211
Charlotte, NC 28202
Phone: (704) 336-5103
Fax: (704) 336-6894

File # _____
Date 6-03-09

PROPOSED PLOT PLAN

A map showing existing and proposed property lines and easements with dimensions, the location of the single family residence, non-single family residence, or other facility, and appurtenances, the site for the proposed well, and the location of existing or proposed sewer lines and/or sewage disposal systems, surface water bodies, aboveground or underground storage tanks. Name all roads adjoining the property. If this a repair indicate the type of repair.



Owner/Agent Signature
Date 6/03/09

X① - 1st choice .. on island in front of existing bldng.
X② - 2nd choice ... on side of Parking lot and Existing Bldg.

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	06/04/09	**Amount:**	550.00
Receipt #:	63103	**Tendered:**	550.00
Check / Auth #:	CHARGE	**Returned:**	0.00
Received By:	WALKEVA		

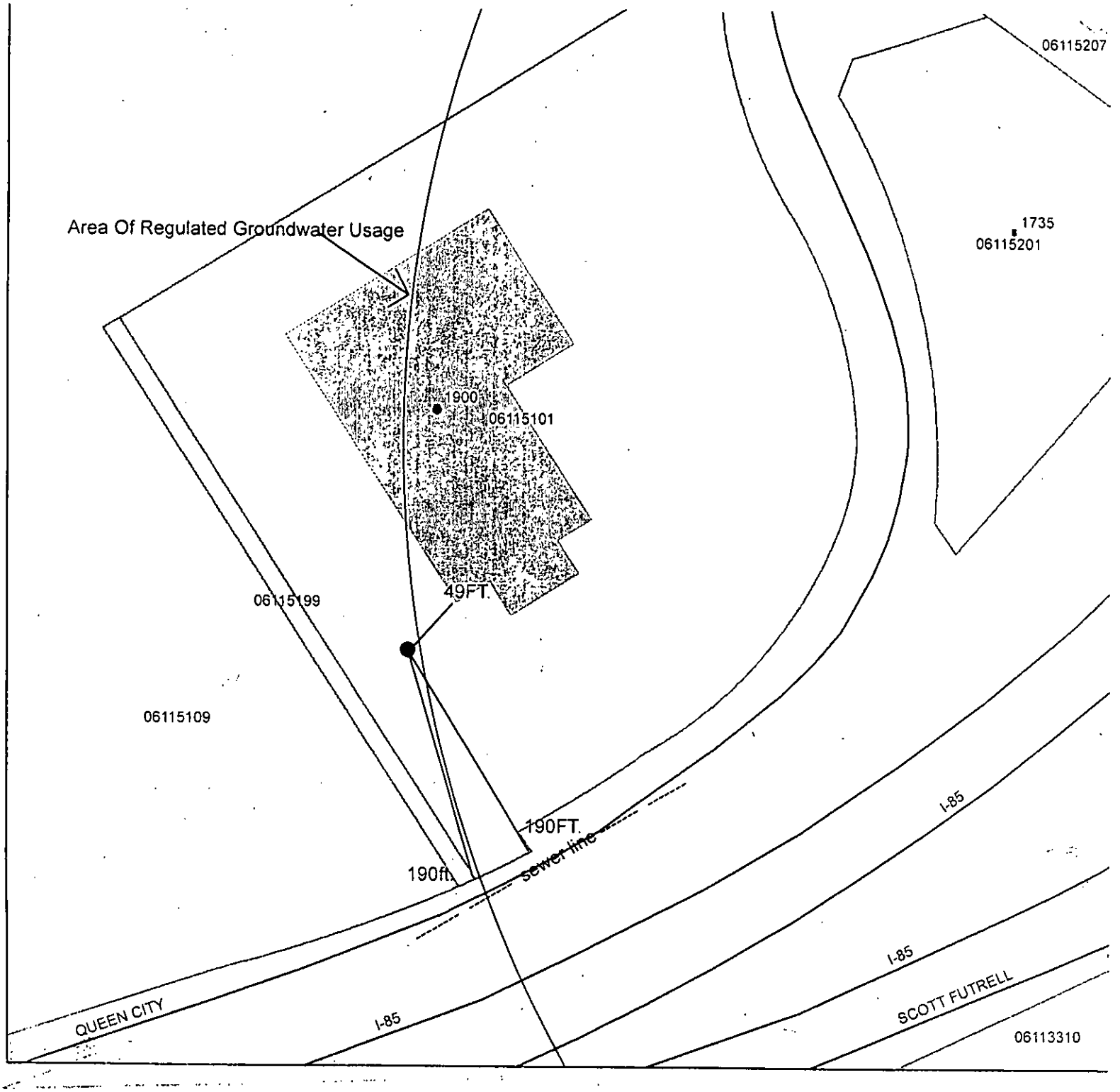
Account Information

Account #: X43025
Contractor: MOHLE W P & ASSOC
Attn:
Address: 1950 ANTLER DR
Address:
City/State/Zip: CATAWBA, SC 29704

Item	Description	Permit#	Quantity	Unit Price	Total Price
0753	Private Well, New 1900 QUEEN CITY DRIVE		1	550.00	550.00

Outstanding Balances

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
550.00					



CERTIFICATE OF COMPLETION

Permit # 10004228

As-Built Sketch of Well Location

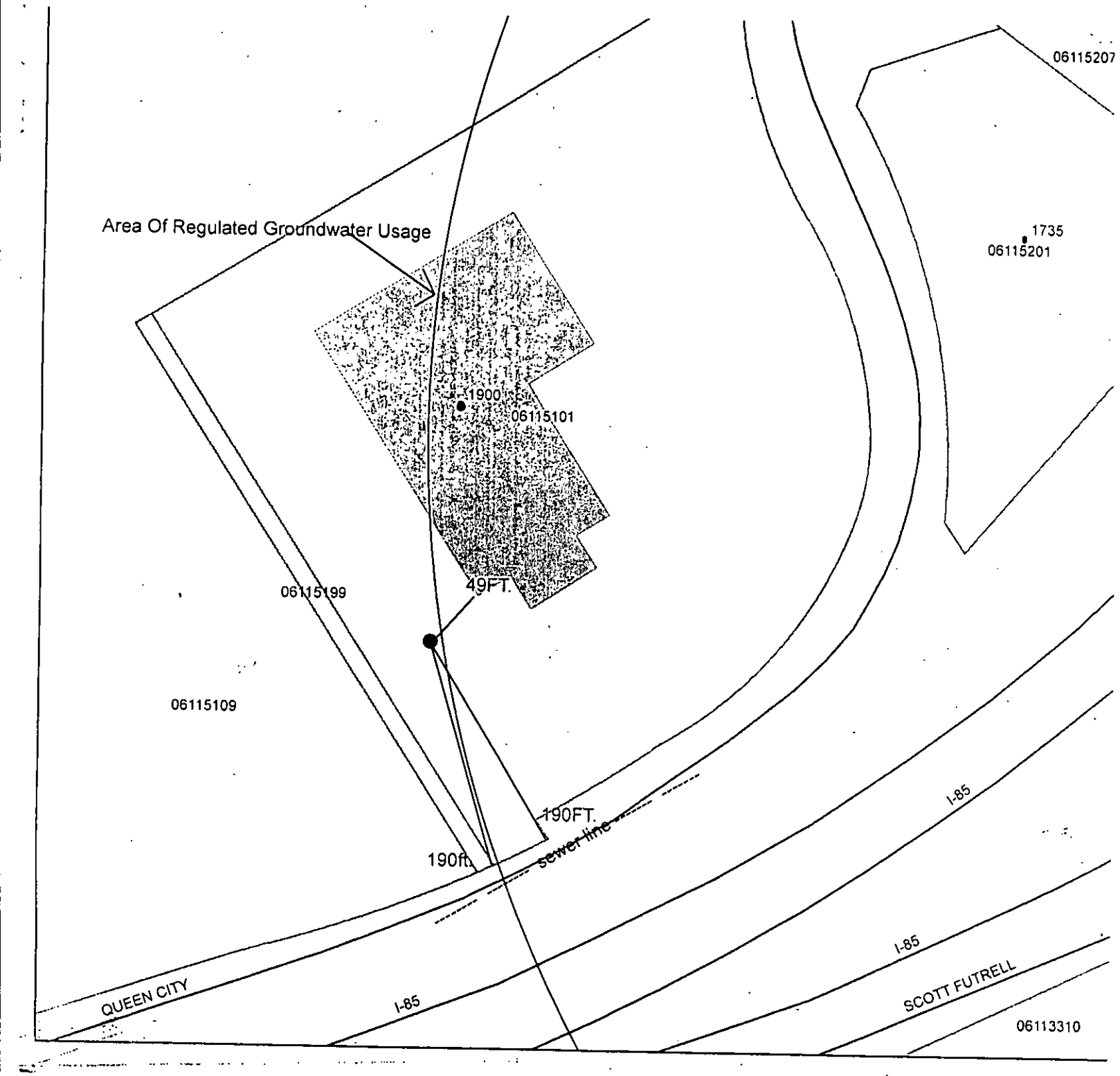
Tax Parcel # 061-151-01

Well Location: 1900 QUEEN CITY DRIVE
Charlotte, NC 28208

GWS File # 2605

WELL - ●

0 110 220 440 Feet



CERTIFICATE OF COMPLETION

Permit # 10004228

As-Built Sketch of Well Location

Tax Parcel # 061-151-01

Well Location: 1900 QUEEN CITY DRIVE
Charlotte, NC 28208

GWS File # 2605

WELL - ●

0 110 220 440
Feet

Groundwater & Wastewater Services
700 N. Tryon St., Suite 211
Charlotte, NC 28202
704-336-5103 Phone 704-336-6894 Fax

WORK ORDER

Work Order Information

Work Order Number: **79628**
Work Order Type: **ARGU Well Review**
Submitted To: STUTTS, JACK
Date Initiated: 6/18/09 3:22:46 PM
Date Completed: 6/18/09 3:26:00 PM
Date Closed:
Unattached WO: N
Associated SR Number:

Priority: **3**
Status: IP

Initiated By: CALDWELL, SHAWNA
Completed By: CALDWELL, SHAWNA
Closed By:

Location

Address: **1900 QUEEN CITY DRIVE**
Location:

Instructions

1. Create one work order for each ARGU review performed.
2. Geocode the location using the location address from WASPS.
3. Attach the appropriate GIS well feature(s) from the ARGU_Wells_WASPS data layer under the ENTITIES tab.
4. Select the appropriate TOWN under the DETAILS tab.
5. All documentation associated w/ the review should be included as attachments.
6. Enter time for labor required to complete all work associated w/ review.
7. Use the COMMENTS field to document work activities.

ARGU Well features are automatically created in gis when the well permit application is entered into WASPS.

Comments

Create one work order per ARGU Review

By CALDWELL, SHAWNA: 6/18/09 3:26:40 PM
Based on review of our files, the permit for a private well installation at PID# 061-151-01, 1900 Queen City Dr., Charlotte, NC can be approved if located on the portion of the site that is more than 1,000' from the Amoco#235 property boundary, the west side and NW corner, as indicated in the figure included in the ARGU file. If located in the area to the west or NW corner that is between 1,000' and 1,500' from the MPL#53 property boundary, the well must be installed according to Mecklenburg Co. Groundwater Regulations dated Oct. 5, 2004, amended July 1, 2008, Chapter II Construction, Repair and Abandonment for Private Water Supply Wells to include grouting the full extent of casing and sampling after installation and biannually thereafter for VOCs.

Hydrogeologist Permit Application Review

Application #: 4228
Permit File #: 2605

Permit Type: New Well (Commercial)

ARGU Review Completed: (•) Yes ( ) No

Permit Denial?: ( ) Yes (•) No

Additional Conditions:

[x] Full Grouting [x] Casing to Bedrock [x] Sampling Re-sampling Frequency: BIANNUAL

[x] Volatile Organic Compounds (VOC's) [ ] Semi-volatile Compounds [ ] Metals (Specify in Other Conditions)

[ ] Pesticides [ ] Herbicides [ ] Other

Comments/Other Sample Types:

Well can only be permitted in area more than 1,000' from MPL#53 as indicated in figure included in ARGU review file.

EHS Review | Update | Time Spent (hours): [x] Change: 5.00

The application has been forwarded to Debra Howell for review.

App. #: 4228

Septic Fee: [ ]

Date: [ ]

CRT[ ]

PERMIT APPLICATION FOR A COMMERCIAL / INDUSTRIAL SITE IMPROVEMENT PERMIT FOR ONSITE WASTEWATER SYSTEM, NEW WELL INSTALLATION, OR REPAIR OF EXISTING WELL

MECKLENBURG COUNTY GROUNDWATER & WASTEWATER SERVICES

FILE # 2605

Well Fee: 550.00

Date: 6/4/2009

CRT[ ]

SEPTIC / TYPE APPLICATION: (•) N/A ( ) NEW SYSTEM ( ) ALTERATION ( ) REPAIR ( ) MODIFIED PLOT PLAN

WELL / TYPE APPLICATION: ( ) N/A (•) NEW WELL ( ) MAJOR REPAIR ( ) ABANDONMENT

JOB LOCATION INFORMATION:

TAX / PARCEL #: 061-151-01 ☐ PO

STREET ADDRESS: 1900 QUEEN CITY DR

CITY: Charlotte

STATE: NC ZIP: 28208

LOT #: 0

TOWNSHIP: 01

General Comments:

BUILDING INFORMATION:

DESCRIBE TYPE OF BUSINESS

☑ COMMERCIAL ☐ INDUSTRIAL

SQUARE FOOTAGE OF FACILITY: 0

NUMBER OF EMPLOYEES PER SHIFT: 8

NUMBER OF SHIFTS: 1

TYPE OF WASTEWATER:

☑ SEWAGE ☐ INDUSTRIAL PROCESS WASTEWATER

HOW WILL WATER BE USED IN THE FACILITY?:

☐ TOILETS/URINALS ☐ HANDSINK/S

☐ SHOWERS ☐ FLOOR DRAINS

☐ OTHER

IF PLANNING TO EXPAND / ALTER THE EXISTING SYSTEM, INFORMATION DOCUMENTING THE INCREASED WASTEWAER FLOW AND/OR A JUSTIFICATION FOR A SYSTEM ALTERATION WILL BE REQUIRED.

WATER SUPPLY:

☑ MUNICIPAL ☐ PRIVATE WELL ☐ PUBLIC WELL ☐ SHARED WELL ☐ OTHER

PROPOSED USE OF WELL:

( ) N/A (•) IRRIGATION ( ) POTABLE (Drinking Water) ( ) OTHER

PLEASE INDICATE AND RANK DESIRED SEPTIC SYSTEM TYPE(S) IN ORDER OF PREFERENCE *(1-MOST 5-LEAST DESIRED)*:

☐ N/A ☐ ANY TYPE ☐ CONVENTIONAL ☐ ACCEPTED ☐ INNOVATIVE ☐ ALTERNATIVE ☐ OTHER

RANK: 0 0 0 0 0

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

BURIED CABLES, LANDFILLS, STUMPHOLES	(•) Yes ( ) No	GRADING/SOIL REMOVAL PERFORMED	( ) Yes (•) No
EXISTING WASTEWATER SYSTEMS	( ) Yes (•) No	JURISDICTIONAL WETLANDS	( ) Yes (•) No
WELLS, SPRINGS, OR WATER LINES	( ) Yes (•) No	APPROVAL REQ'RD BY OTHER AGENCY	( ) Yes (•) No
EASEMENTS OR RIGHT-OF-WAYS	( ) Yes (•) No	WASTEWATER OTHER THAN DOM. SEWAGE	( ) Yes (•) No
CHEMICAL/PETROLEUM STORAGE TANKS	( ) Yes (•) No	KNOWN UNDERGROUND CONTAMINATION	( ) Yes (•) No
WASTE STORAGE	( ) Yes (•) No	GROUNDWATER USE RESTRICTIONS/VARIANCES	( ) Yes (•) No

PROPERTY OWNER:		LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:	
NAME:	2XSALT, INC.	NAME:	
ADDRESS:	1515 MOCKINGBIRD LN, SUITE 111	ADDRESS:	
CITY:	CHARLOTTE	CITY:	
STATE:	NORTH CAROLINA ZIP: 28209	STATE:	ZIP:
HOME PHONE:	WORK: 704-586-1555	HOME PHONE:	WORK:
MOBILE: 704-965-9290	FAX: 704-586-1588	MOBILE:	FAX:

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? ☐ UNKNOWN

WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY? ☐ N/A

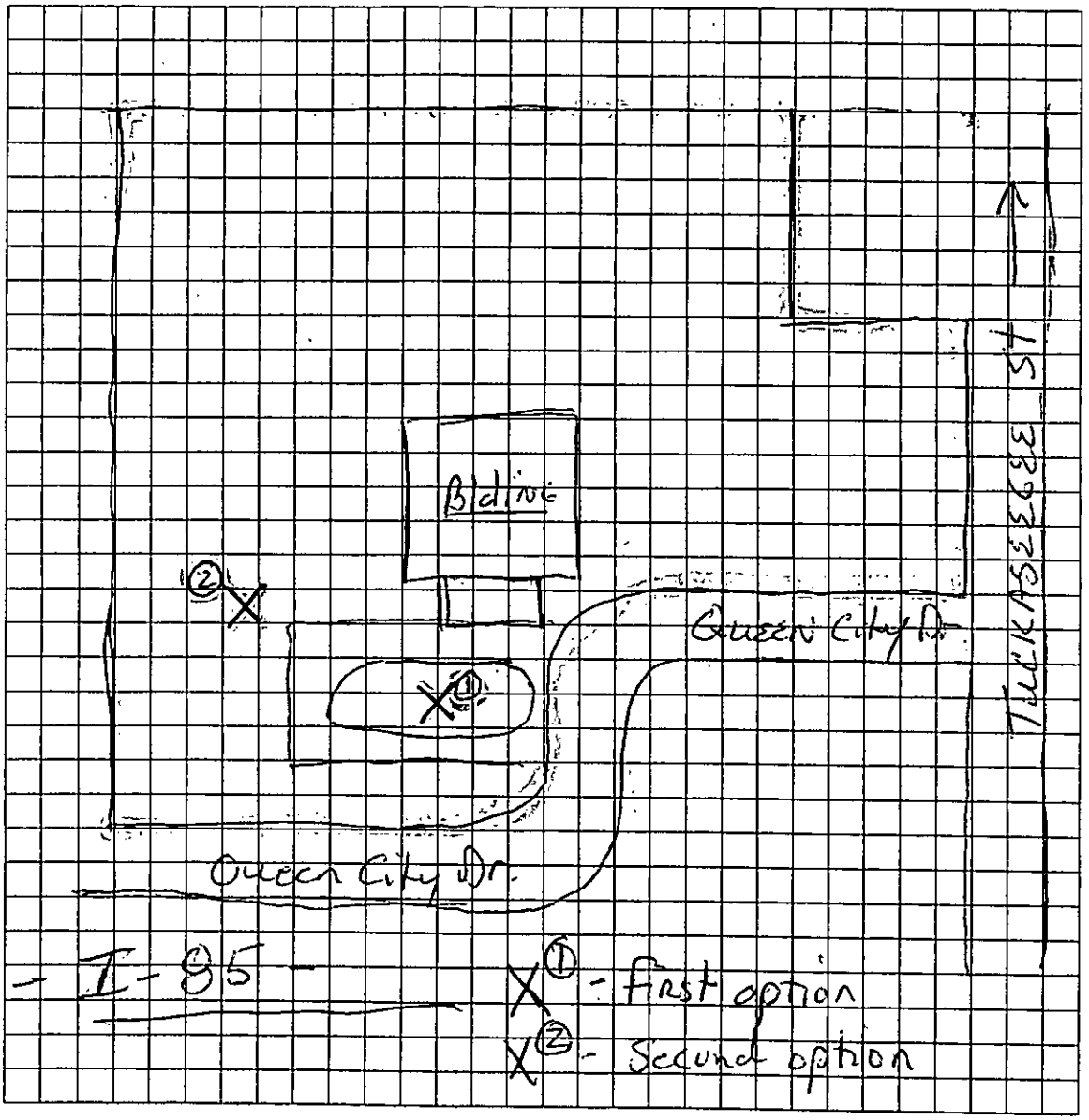
PRINT Update Go to Front Counter Duplicate

Mecklenburg County
Land Use & Environmental Service Agency
Groundwater & Wastewater Services
700 N. Tryon St., Suite 211
Charlotte, NC 28202
Phone: (704) 336-5103
Fax: (704) 336-6894

File # _____
Date 6-03-09

PROPOSED PLOT PLAN

A map showing existing and proposed property lines and easements with dimensions, the location of the single family residence, non-single family residence, or other facility, and appurtenances, the site for the proposed well, and the location of existing or proposed sewer lines and/or sewage disposal systems, surface water bodies, aboveground or underground storage tanks. Name all roads adjoining the property. If this a repair indicate the type of repair.



Owner/Agent Signature
Date 6/03/09

X① - 1st choice .. on island in front of existing bldng.
X② - 2nd choice ... on side of Parking lot and Existing bldng.

LBC 12/15/04

ARGU FILE # 2605



Blue Radius-1,500'
Purple radius-1,000'

0 335 670 1,340 Feet

N

ARGU FILE # 2605

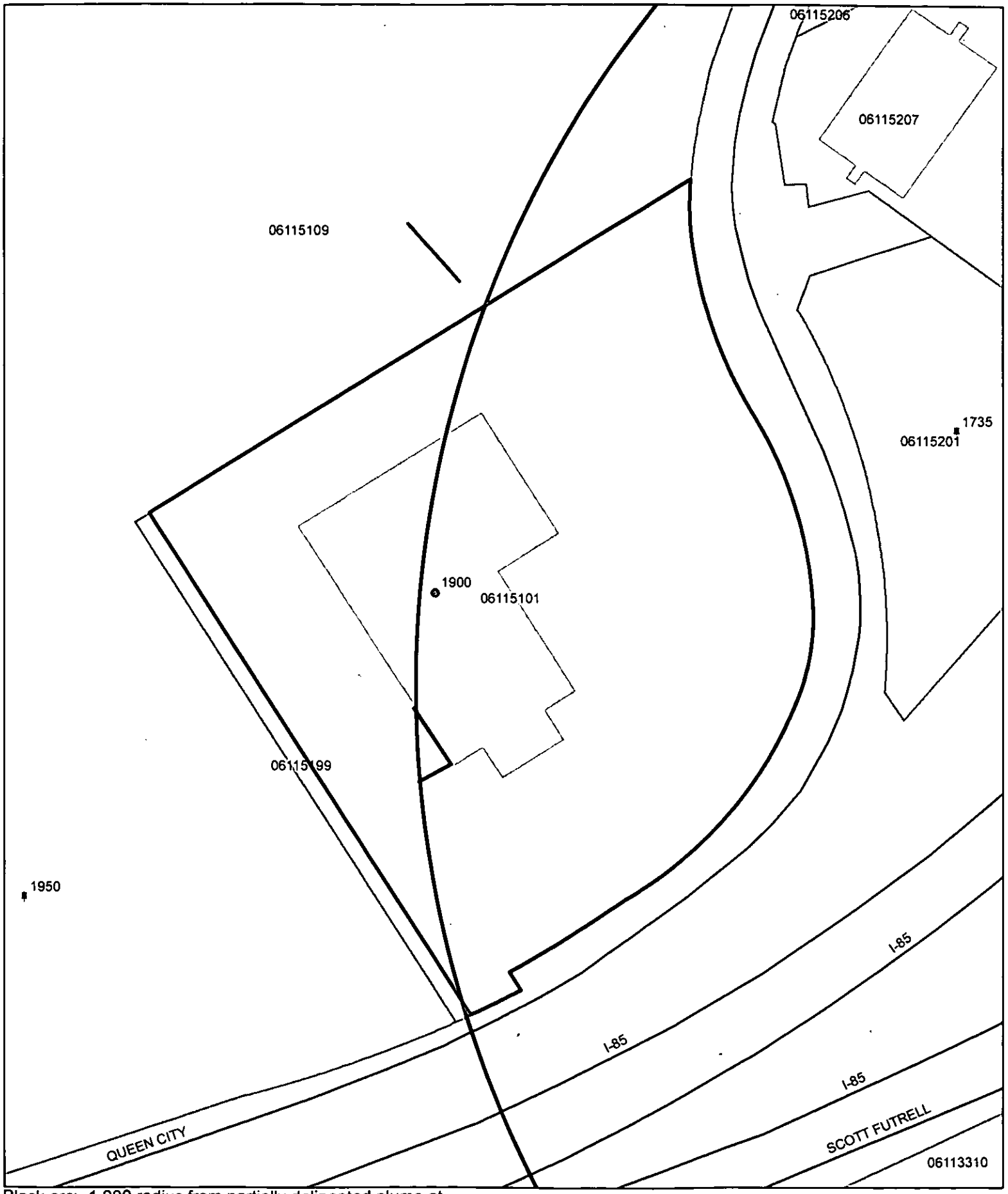


Black circle-1,000' radius around western-most pt.
of partially delineated GW plume for MPL#53.
Well can be permitted in NW corner outside this radius.

0 212.5 425 850 Feet

N

ARGU FILE # 2605



Black arc: 1,000 radius from partially delineated plume at MPL#53-well can be permitted in NW corner outside this radius
Red Line: approximately 70 feet
Blue Line: approximately 30 feet

0 65 130 260 Feet

Rept. for ARGU Review
1900 Queen City Drive, Charlotte, NC
PID# 061-151-01
File # 2605
Application#4228

6/4/09 (Thurs.) - Received request for ARGU review for private well installation for a WSW located at 1900 Queen City Drive, Charlotte, PID#061-151-01. According to EDMS, there is not an existing well at this property.

6/4/09(Thurs.) - Conducted ARGU Review. Identified 1 MPL site within 1,500' of the subject parcel.

MPL #53 Amoco 235
1400 Ashley Rd., Charlotte, NC
PID# 061-134-01
NCDENR Aquifer Protection Section Inc.#3022
Source-petroleum USTs

NCDENR UST Section issued NFA in 2003 with LUR for SL and GW.

A portion of the subject site is within 1,000' of this MPL site.

Based on review of our files, the permit for a private well installation at PID# 061-151-01, 1900 Queen City Dr., Charlotte, NC can be approved if located on the portion of the site that is more than 1,000' from the Amoco#235 property boundary, the west side and NW corner, as indicated in the figure included in the ARGU file. If located in the area to the west or NW corner that is between 1,000' and 1,500' from the MPL#53 property boundary, the well must be installed according to Mecklenburg Co. Groundwater Regulations dated Oct. 5, 2004, amended July 1, 2008, Chapter II Construction, Repair and Abandonment for Private Water Supply Wells to include grouting the full extent of casing and sampling after installation and biannually thereafter for VOCs.

Date: 6/11/09
Reviewed By: SWC

MECKLENBURG COUNTY

Land Use & Environmental Services Agency
Groundwater & Wastewater Services

ARGU Review Worksheet

Job Location Information

Tax Parcel ID #: 061-151-01 File # 2605

Street Address: 1900 Queen City Dr., Charlotte, NC

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 #: 061-134-01 MPL #53

Street Address: 1400 Ashley Rd., Charlotte, NC

DENR Incident #: 3022

Current Status: NFA Why? Closed with LUR for SL and GW

Responsible Party:

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. YES
Based on this information, answer the following questions:

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

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.	

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

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?	NO
If No	Well allowed, but construction requirements apply. Sampling requirements may apply pending hydrogeologic review.	
If Yes	Permit denied.	

Reviewer Comments: The permit can be approved if located on the portion of the site that is more than 1,000' from the Amoco#235 property boundary, the west side or NW corner, as indicated in the figure included in the ARGU file. If located on the west side or in the NW corner that is between 1,000' and 1,500' from the MPL#53 property boundary, the well must be installed according to Mecklenburg Co. Groundwater Regulations dated Oct. 5, 2004, amended July 1, 2008, Chapter II Construction, Repair and Abandonment for Private Water Supply Wells to include grouting the full extent of casing and sampling after installation and biannually thereafter for VOCs.

North Carolina Department of Environment
and Natural Resources

Division of Waste Management

Michael F. Easley, Governor
William G. Ross Jr., Secretary
Dexter R. Matthews, Director

COPY

NCDENR

January 2, 2003

BP Products North America, Inc.
2475 Northwinds Parkway, Suite 400
Alpharetta, Georgia 30004
Attention: Rebecca Kulas

Re: Notice of No Further Action
15A NCAC 2L .0115(h)
Risk-based Assessment and Corrective Action
for Petroleum Underground Storage Tanks

Amoco # 235
1400 Ashley Road
Charlotte, Mecklenburg County
Incident No. 3022
Low Risk Classification

Dear Ms. Kulas:

The Underground Storage Tank (UST) Section, Division of Waste Management's Mooresville Regional Office has received both a Soil Cleanup Report with Site Closure Request and a Notice of Residual Petroleum for the above-referenced Site. A review of the report shows that soil contamination does not exceed the industrial/commercial maximum soil contaminant concentrations and groundwater contamination meets the cleanup requirements for a low risk site. No further assessment or remedial actions are required at this time. However, please be advised that because groundwater contamination still exceeds the groundwater quality standards established in 15A NCAC 2L .0202, groundwater within the area of contamination or within the area where contamination is expected to migrate **is not suitable** for use as a water supply. Also be advised that because contaminated soil was not cleaned up to the residential maximum soil contaminant concentrations, the property containing soil contamination **is not suitable** for residential use (e.g., homes, day care centers, schools, nursing homes, recreation areas, playgrounds, parks).

This No Further Action Determination will not become valid until the public notice requirements outlined below are completed.

Public notice in accordance with 15A NCAC 2L .0115(k) is required as follows. Within **30 days** of receipt of this no further action letter, you must provide a copy of this letter to the following persons:

- Local health director;
- Chief administrative officer (i.e., Mayor, Chairman of the County Commissioners, County Manager, City Manager or other official of equal or similar position) of each political jurisdiction in which the contamination occurs;
- All property owners and occupants within or contiguous to the area containing contamination; and
- All property owners and occupants within or contiguous to the area where the contamination is expected to migrate.

Copies of this no further action letter must be sent to the persons listed above by certified mail. If it is impractical to provide this public notice by certified mail to the occupants of apartment buildings, condominiums, office buildings, etc., you may post a copy of this letter in a prominent place where the occupants are most likely to see it.

Within **60 days** of receiving this no further action letter, you must provide the UST Section's Mooresville Regional Office with proof of receipt of the copy of the letter or of refusal by the addressee to accept delivery of the copy of the letter. If a copy of the letter is posted, you must provide the UST Section with a description of the manner in which the letter was posted.

The UST Section's Mooresville Regional Office has the Soil Cleanup Report with Site Closure Request along with other site information on file. All of the information concerning the site is available for public review. Interested parties may arrange to review this information by contacting the regional office as listed below. In addition, comments on the Soil Cleanup Report with Site Closure Request may be submitted to the regional office.

NCDENR – UST Section
Mooresville Regional Office
919 North Main Street
Mooresville, North Carolina 28115
Attention: Amber Lindon

Pursuant to 15A NCAC 2L .0115(e), you have a continuing obligation to notify the UST Section of any changes that you know of or should know of, that might affect the level of risk assigned to the discharge or release. Such changes include, but are not limited to, changes in zoning of real property, use of real property or the use of groundwater that has been contaminated or is expected to be contaminated by the discharge or release, if such change could cause the UST Section to reclassify the risk. Please note that this responsibility not only pertains to changes involving the property on which the release occurred, but to changes involving the surrounding properties as well.

Please be advised that should you decide to close any monitoring wells or injection wells used to investigate or remediate this incident, you should do so in accordance with 15A NCAC 2C .0113 and .0214, respectively. For guidance on closure of infiltration galleries, please contact The Division of Water Quality, Groundwater Section at the Mooresville Regional Office.

Should you have any questions concerning this letter, please contact me at (704) 663-1699.

Sincerely,

Amber R. Lindon, P.G.
Hydrogeological Technician II

cc: Jane Comer - Central Office
Mike Woodie – Woodie Enterprises

HANDEX®
Practical Environmental Solutions

RECEIVED
APR 23 2002
NC DEPT. OF ENVIRONMENT
AND NATURAL RESOURCES
MOORESVILLE REGIONAL OFFICE

April 19, 2002

Ms. Amber R. Lindon
North Carolina Department of Environment and Natural Resources
Mooresville Regional Office
919 North Main Street
Mooresville, NC 28115

Re: Revised Notice of Residual Petroleum
Former Amoco #235
1400 Ashley Road
Charlotte, Mecklenberg County, North Carolina
Facility ID No. 0-013785
Incident No. 3022

Dear Ms. Lindon:

Handex of the Carolinas, Inc. (Handex) on behalf of BP Products North America, Inc. (BP), is pleased to present the attached signed and notarized revised Notice of Residual Petroleum for your approval and signature. Should you have any questions or comments regarding this matter, please do not hesitate to contact our office at (704) 598-7900.

Sincerely,

HANDEX OF THE CAROLINAS, INC.

J. Jeffrey Kapolka
Project Hydrogeologist

Cc: Rebecca Kulas, BP

3600-G Woodpark Blvd., Charlotte, NC 28206 • (704) 598-7900 • Fax: (704) 598-2248

LOCATION: 1400 Ashley Road, Charlotte, Mecklenburg County, NC

RISK CLASSIFICATION: DENR – Intermediate; BP – B

TRUST FUND ELIGIBILITY: YES

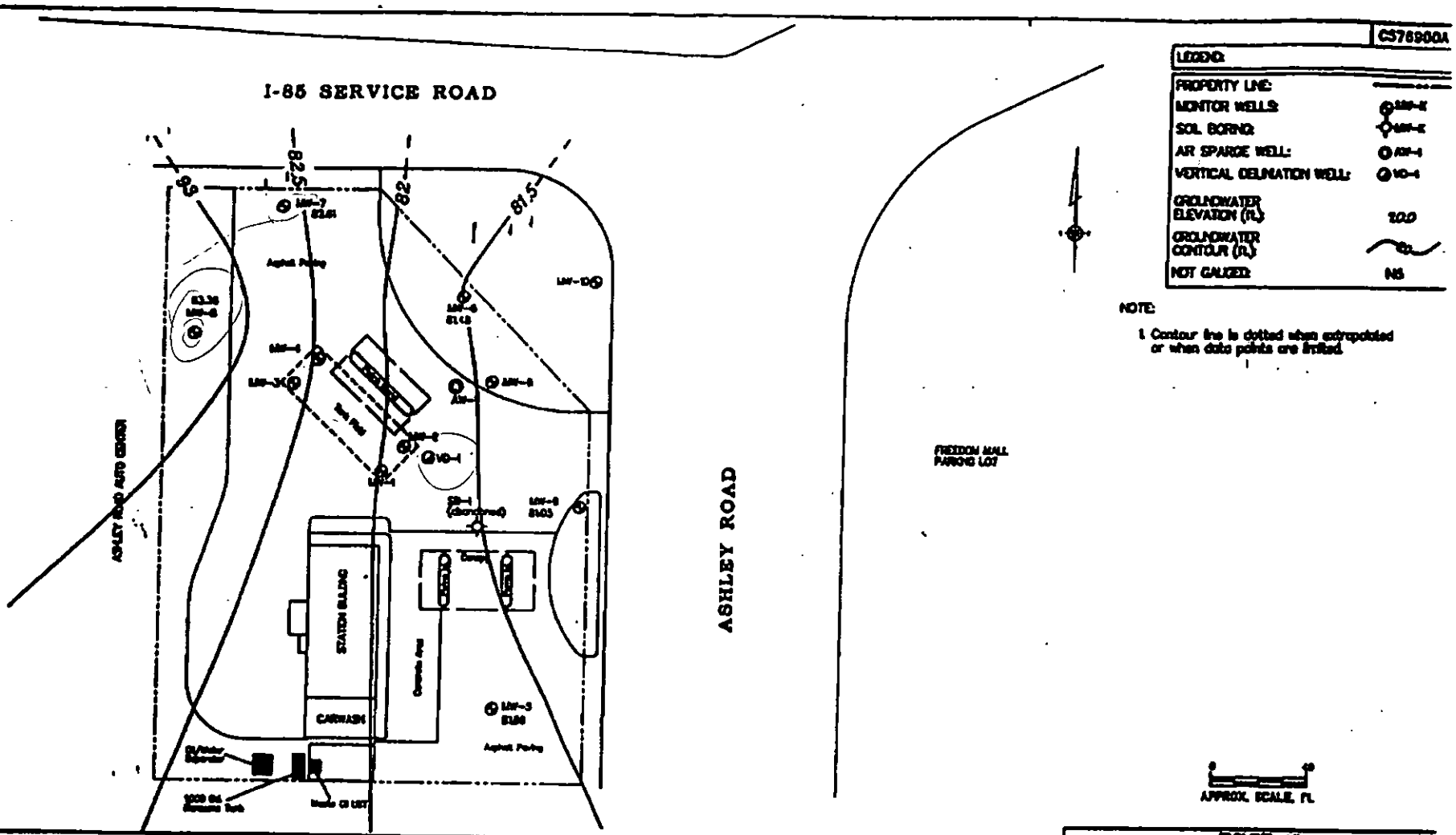
SITE DESCRIPTION / CURRENT CONTAMINANT STATUS:
- MTBE and BTEX GW contamination, all COCs < GCLs
- All soil COCs < DENR residential MSCCs
- All COCs on-site
- Depth to water is approximately 20' bgs
- No water supply wells < 1500'

SITE/REMEDIAL HISTORY:
- Discovery of release (1992), NOV issued for LPH in MWs– Incident # 7209
- CSA (1993)
- Enhanced Fluid Recovery (1995) to remove LPH
- CAP (1995) – Air Sparging/SVE
- Air Sparging/SVE system deactivated (Aug 2000)
- Latest GW Monitoring (Sept 2000) – All COCs < GCLs
- Soil sampling (Oct 2001) – all < DENR action levels except TPH-GRO in GP-1 & GP-8
- Soil sampling (Jan 2002) – all < DENR residential MSCCs
- Closure request (Feb 2002)

RECENT REGULATORY CONTACT AND/OR REQUESTS:
- Feb 2002 - Mooresville Regional Office (MRO) denies closure request. NFA will not be issued until (1) comprehensive GW monitoring event (2) soil sampling below USTs (3) Notice of Residual Petroleum (deed restriction) filed
- April 2002 – MRO letter - Notice of Residual Petroleum incomplete – include legal description of property – Completed!

SCHEDULED AND/OR ONGOING SITE ACTIVITIES:
- None

POTENTIAL FUTURE SITE ACTIVITIES:
- Pursue NFA – complete requested GW sampling, discuss need for addtl soil sampling



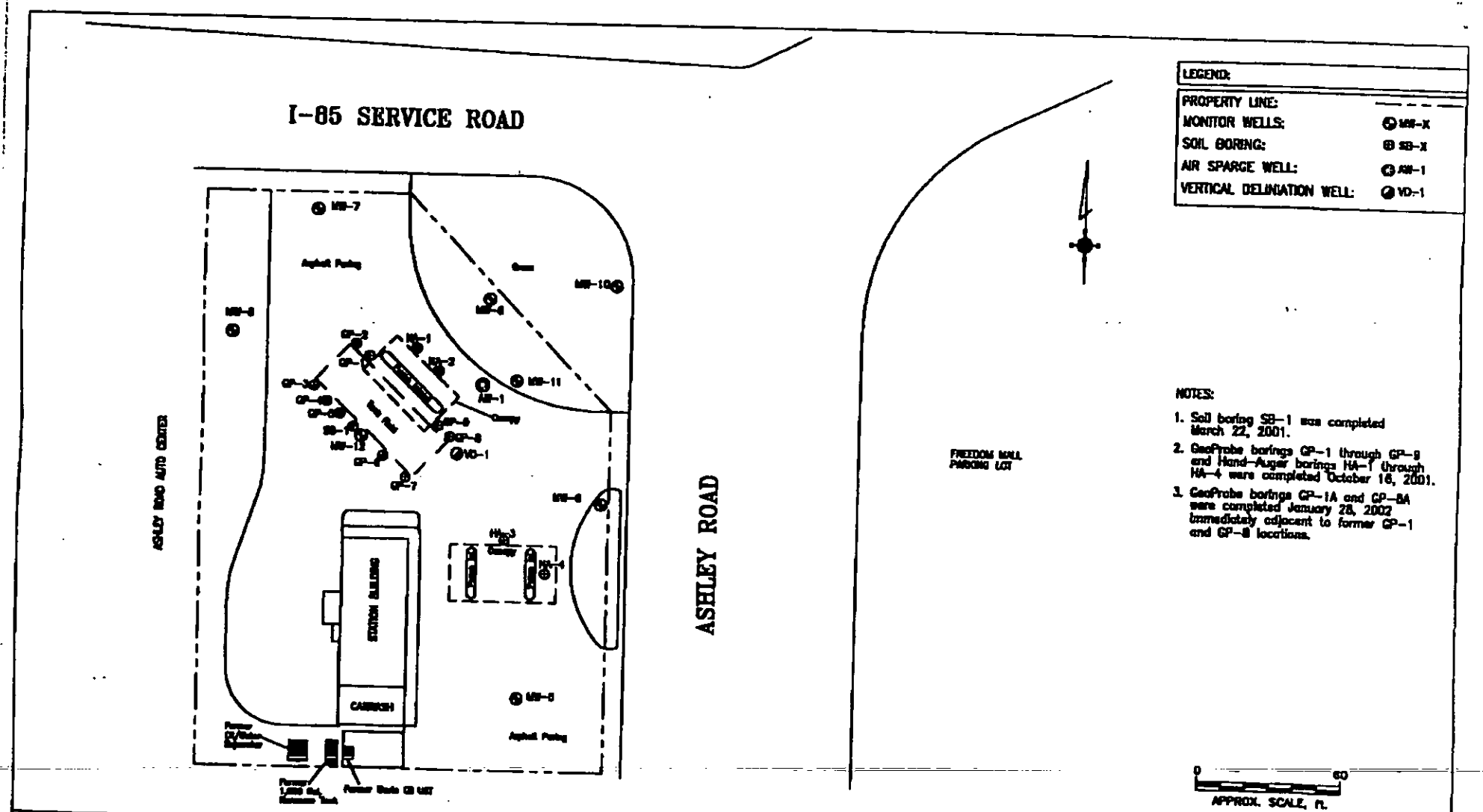
CS76900A

Handex
HANDEX OF THE CAROLINAS, INC.

AMOCO OIL COMPANY SS #235
1218 ASHLEY ROAD
CHARLOTTE, NORTH CAROLINA

FIGURE #2
WATER TABLE CONTOUR MAP
DATA DATE: 02-10-04

SCALE: 1" = 40'	PROJECT NO.: 105700-01
DATE: 02-26-04	REVISION: X
DRAWN BY: T. MCGOVERN	DRAWING NO.: CS76915A



Handex
HANDEX OF THE CAROLINAS, INC.

FORMER AMOCO SS #235
1400 ASHLEY ROAD
CHARLOTTE, NORTH CAROLINA

FIGURE 4
2001 AND 2002 SOIL SAMPLE LOCATIONS

SCALE: 1" = 60'	PROJ. NO. 113988
DATE: 10-23-01	REV. BY: J. KAPOLKA
DWG. BY: T. MCGOVERN	DWG. NO. 235SOIL

TABLE 1
GROUNDWATER MONITORING RESULTS
AMOCO 235
1216 ASHLEY ROAD
CHARLOTTE, NORTH CAROLINA

Parameter (ug/L)	Date	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	MW-12	VD-1
Benzene	09/19/94	BDL	1,100	BDL	BDL	BDL	NS	220	NS	NS
	05/02/95	BDL	925	BDL	BDL	BDL	6.15	BDL	NS	912
	09/25/95	NS	NS	NS	NS	NS	NS	NS	5,560	NS
	07/31/98	BDL	NS	2.01	BDL	BDL	9.15	9,620	2,550	11,400
	02/24/99	NS	NS	NS	NS	NS	2.2	14,500	1,120	9,390
	12/06/99	BDL	NS	1.86	BDL	BDL	BDL	BDL	BDL	15,100
	04/21/00	NS	NS	NS	NS	NS	NS	NS	NS	5,780
	06/15/00	NS	NS	NS	NS	NS	NS	NS	NS	33.2
	09/28/00	NS	NS	NS	NS	NS	NS	NS	NS	24.1
Toluene	09/19/94	BDL	47	BDL	BDL	BDL	NS	38	NS	NS
	05/02/95	BDL	67	BDL	BDL	BDL	0.671	BDL	NS	545
	09/25/95	NS	NS	NS	NS	NS	NS	NS	23,600	NS
	07/31/98	BDL	NS	3.19	BDL	8.2	6.98	21,900	22,000	14,700
	02/24/99	NS	NS	NS	NS	NS	3.86	37,700	10,600	12,900
	12/06/99	BDL	NS	BDL	BDL	BDL	BDL	560	582	22,400
	04/21/00	NS	NS	NS	NS	NS	NS	NS	NS	14,800
	06/15/00	NS	NS	NS	NS	NS	NS	NS	NS	54.4
	09/28/00	NS	NS	NS	NS	NS	NS	NS	NS	31.7
Ethylbenzene	09/19/94	BDL	160	BDL	BDL	BDL	NS	BDL	NS	NS
	05/02/95	BDL	132	BDL	BDL	BDL	56.7	BDL	NS	19.3
	09/25/95	NS	NS	NS	NS	NS	NS	NS	1,840	NS
	07/31/98	BDL	NS	BDL	BDL	BDL	76.7	1,710	1,790	1,010
	02/24/99	NS	NS	NS	NS	NS	20.3	2,040	832	784
	12/06/99	BDL	NS	BDL	BDL	BDL	BDL	BDL	BDL	1,220
	04/21/00	NS	NS	NS	NS	NS	NS	NS	NS	671
	06/15/00	NS	NS	NS	NS	NS	NS	NS	NS	4.19
	09/28/00	NS	NS	NS	NS	NS	NS	NS	NS	4.90
Xylene	09/19/94	BDL	860	BDL	BDL	BDL	NS	400	NS	NS
	05/02/95	BDL	671	0.535	BDL	BDL	214	BDL	NS	1,150
	09/25/95	NS	NS	NS	NS	NS	NS	NS	11,500	NS
	07/31/98	BDL	NS	BDL	BDL	2.71	395	11,000	14,100	6,720
	02/24/99	NS	NS	NS	NS	NS	108	14,900	6,270	5,980
	12/06/99	BDL	NS	BDL	BDL	BDL	151	644	674	8,900
	04/21/00	NS	NS	NS	NS	NS	NS	NS	NS	5,500
	06/15/00	NS	NS	NS	NS	NS	NS	NS	NS	34.5
	09/28/00	NS	NS	NS	NS	NS	NS	NS	NS	21.4
MTBE	09/19/94	BDL	BDL	BDL	BDL	8.5	NS	1,900	NS	NS
	05/02/95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	2,220
	09/25/95	NS	NS	NS	NS	NS	NS	NS	5,680	NS
	07/31/98	BDL	BDL	BDL	BDL	BDL	BDL	208	3,310	25,300
	02/24/99	NS	NS	NS	NS	NS	BDL	1,390	2,510	26,100
	12/06/99	BDL	NS	BDL	1.15	0.979	BDL	114	119	64,200
	04/21/00	NS	NS	NS	NS	NS	NS	NS	NS	28,100
	06/15/00	NS	NS	NS	NS	NS	NS	NS	NS	1,830
	09/28/00	NS	NS	NS	NS	NS	NS	NS	NS	1,970