



COMMONWEALTH OF VIRGINIA
COUNTY OF HENRICO

R.J. Emerson, Jr., AICP
Director of Planning
(804) 501-4602

December 20, 2016

Mr. Douglas A. Middleton
Deputy County Manager
for Public Safety
4301 E. Parham Road
Henrico, VA 23228

Re: Provisional Use Permit PUP2016-00018

Dear Mr. Middleton:

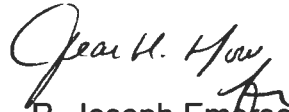
The Board of Supervisors at its meeting on December 13, 2016, approved your request for a Provisional Use Permit under Sections 24-95(a)(3), 24-120 and 24-122.1 of Chapter 24 of the County Code in order to construct a lattice-style public safety telecommunications tower up to 313' in height and related equipment on part of Parcel 823-674-9992, located on the east line of WRVA Road approximately 3,500' south of Kingsland Road, subject to the following conditions:

1. The height of the telecommunication tower and all equipment shall not exceed 313 feet.
2. This permit shall apply only to the lease area identified in Exhibits A and B (see case file).
3. Application for a building permit to install the telecommunication tower must be made within one year after the Provisional Use Permit is granted by the Board of Supervisors, unless an extension of time is granted by the Director of Planning upon a written request by the applicant.
4. When site construction is initiated as a result of this Provisional Use Permit, the applicant shall complete requirements prescribed by Chapter 10 of the Henrico County Code. In particular, land disturbance of more than 2,500 square feet will require that construction plans include a detailed drainage and erosion control plan prepared by a professional engineer certified in the State of Virginia.

Mr. Douglas A. Middleton
December 20, 2016
Page 2

The Planning Department has been advised of the action of the Board of Supervisors and requested to revise its records.

Sincerely,

A handwritten signature in cursive script, appearing to read "R. Joseph Emerson, Jr.", written in dark ink.

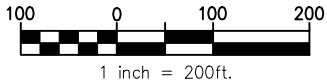
R. Joseph Emerson, Jr., AICP
Director of Planning

pc: Mr. John A. Vithoulkas, County Manager
Mr. Randall R. Silber, Deputy County Manager
Mr. Timothy A. Foster, Deputy County Manager
Mr. Joseph P. Rapisarda, Jr., County Attorney
Mr. Humberto I. Cardounel, Jr., Chief, Police Division
Lt. Col. Carl A. Mueller, Assistant Chief, Police Division
Mr. John Neal, Director of General Services
Mr. Tim Glynn, Pyramid Network Services



- GENERAL NOTES:
1. PROPERTY OFFSETS ARE APPROXIMATE. FINAL LOCATION OF COMPOUND TO BE DEVELOPED FROM TOWER ☉
 2. PROPERTY LINES SHOWN ARE BASED ON A MAP FROM THE HENRICO COUNTY GEOGRAPHIC INFORMATION SYSTEM (GIS) AND AERIAL PHOTOS. THE PROPERTY LINES ARE NOT TO BE USED IN PLACE OF A SURVEY AND DEEDS, BUT ARE SHOWN FOR REFERENCE ONLY
 3. THE LOCATION, SIZE & TYPE OF MATERIAL OF EXISTING UTILITIES INDICATED ON THE PLANS IS NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING THE SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF HIS OPERATIONAL PLANS & SHALL OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION & ASSISTANCE RELATIVE TO THE LOCATION OF THEIR FACILITIES & THE WORKING SCHEDULE OF THE COMPANIES FOR REMOVAL OR ADJUSTMENT WHERE REQUIRED. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY OF JURISDICTION. THE ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY SUCH MAINS & SERVICES SHALL BE RESORTED TO SERVICE AT ONCE & PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.
 4. ALL PROPOSED CONSTRUCTION ACTIVITIES & MODIFICATIONS SHALL COMPLY WITH MOTOROLA R-56 STANDARDS, MOST CURRENT REVISION.

Site Location Plan



NOTE: SITE WAS RELOCATED TO CURRENT POSITION AFTER SITEMALK WAS COMPLETED HERE 08-29-16

ANY DISCREPANCIES BETWEEN THIS DRAWING PACKAGE AND EXISTING FIELD CONDITIONS MUST BE REPORTED TO THE ENGINEER OF RECORD PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

EXHIBIT A

PUP2016-00018

PRELIMINARY
NOT FOR
CONSTRUCTION

F	09-22-16	ISSUED FOR REVIEW	MLM	MJA	
E	09-19-16	ISSUED FOR REVIEW	MLM	MJA	
D	09-16-16	ISSUED FOR REVIEW	MLM	MJA	
C	09-14-16	ISSUED FOR REVIEW	MLM	MJA	
B	09-12-16	ISSUED FOR REVIEW	MLM	MJA	
NO.	DATE	REVISIONS	BY	CHK	APP'D



SITE LOCATION PLAN

WATER RECLAMATION
FACILITY
9401 WRVA RD
RICHMOND, VA 23231

C-1

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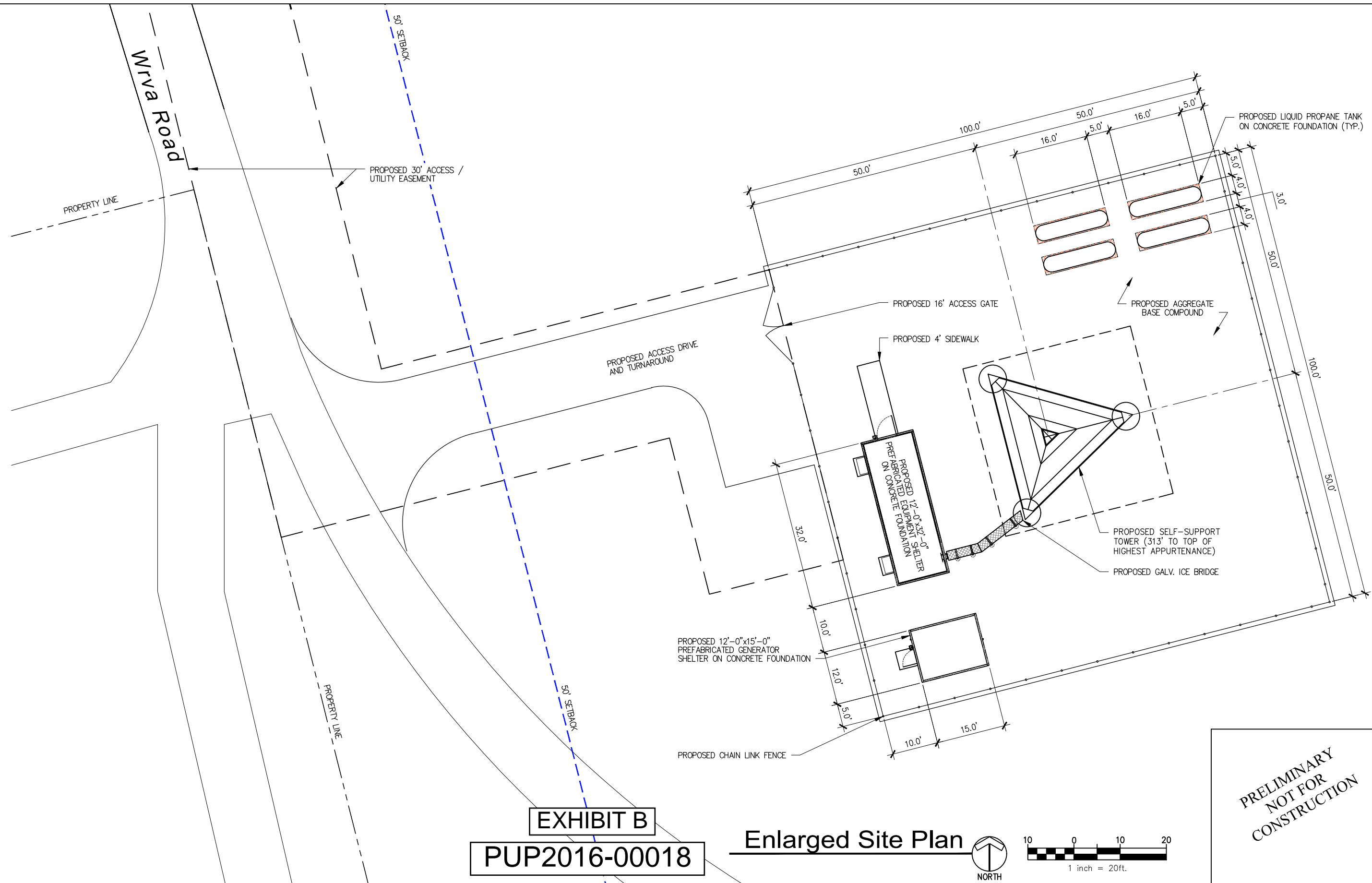


EXHIBIT B

PUP2016-00018

Enlarged Site Plan



PRELIMINARY
NOT FOR
CONSTRUCTION

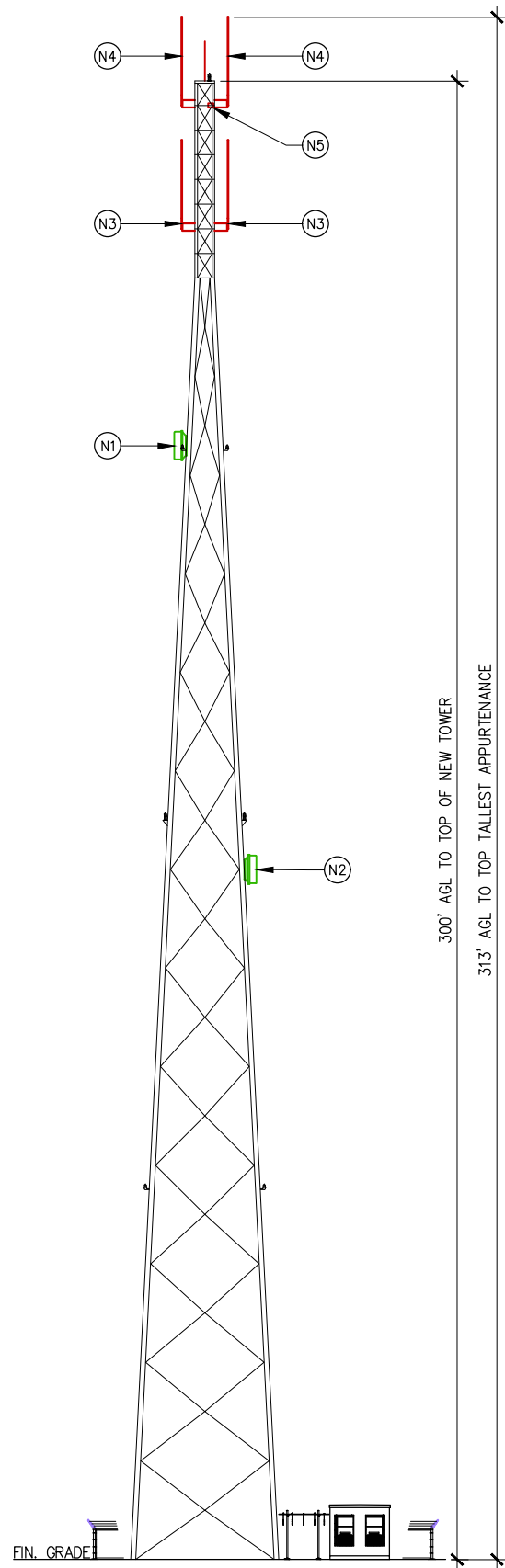
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NO.	DATE	REVISIONS	BY	CHK	APP'D



ENLARGED SITE PLAN
WATER RECLAMATION
FACILITY
9401 WRVA RD
RICHMOND, VA 23231

C-2

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Antenna/Appertunace Location Chart										<div><div></div>E = EXISTING</div> <div><div></div>N = NEW</div> <div><div></div>F = FUTURE</div>				
ANTENNA INFORMATION										FEEDLINE INFORMATION				
ANTENNA ID	MANUFACTURER	MODEL	TYPE	LENGTH	BOTTOM ELEV	RAD CENTER	TOP ELEV.	AZIMUTH	QTY.	TYPE	MANUFACTURER	MODEL	SIZE	QTY.
N1	RFS	PAD6-59B	MW	6.0'	137.0'	140.0'	143.0'		1	COAX	FLEXWELL	E60	2"	1
N2	RFS	PAD6-59B	MW	6.0'	223.0'	226.0'	229.0'		1	COAX	FLEXWELL	E60	2"	1
N3	SINCLAIR	SE4192-SF3P4LDF	TX	18.0'	270.0'	279.0'	288.0'	N/A	3	COAX	COMMSCOPE	AVA7-50	1-5/8"	3
N4	SINCLAIR	SE4192-SF3P4LDF	RX	18.0'	295.0'	304.0'	313.0'	N/A	4	COAX	COMMSCOPE	AVA6-50	1-1/4"	4
N5	-	-	TTA	N/A	-	295.0'	-	N/A	2	COAX	COMMSCOPE	LDF4-50	1/2"	2

- GENERAL NOTES:
 - MISSION 1 COMMUNICATIONS HAS NOT COMPLETED A STRUCTURAL ANALYSIS FOR THE EXISTING OR PROPOSED LOADING OF ANY STRUCTURES AT THIS TIME. FINAL STRUCTURAL ANALYSIS TO BE COMPLETED BY OTHERS PRIOR TO CONSTRUCTION ACTIVITIES COMMENCE.
 - ALL VERTICAL TRANSMISSION LINE RUNS FROM THE ANTENNAS SHALL BE GROUNDED NEAR THE TOP & BOTTOM OF THE TOWER(BEFORE THE CABLE MAKES HORIZONTAL TRANSITION & NEAR ENTRY PORT ON THE SHELTER). ADDITIONAL TRANSMISSION LINE GROUND KITS SHALL BE INSTALLED AS NEEDED TO LIMIT THE DISTANCE BETWEEN GROUND KITS TO 75 FEET.
 - THE CONTRACTOR SHALL CONDUCT A TDR SWEEP TEST ON ALL THE NEWLY INSTALLED TRANSMISSION LINES TO DETERMINE THE CABLE CONDUCTOR RESISTANCE, CABLE INSERTION LOSS, REFLECTION & STIMULUS RESPONSE MEASUREMENTS. RESULTS TO BE SUBMITTED TO MOTOROLA.
 - DRIP LOOPS SHALL BE INCORPORATED IN CABLE RUNS TO PREVENT WATER FROM TRICKLING DOWN THE LINES INTO THE SHELTER.
 - ALL TRANSMISSION LINES SHALL BE MARKED WITH APPROPRIATE COLOR TAPE BANDS (ONE INCH WIDE COLOR TAPE) FOR IDENTIFICATION NEAR THE ANTENNA, JUST BEFORE ENTERING THE SHELTER AS WELL AS INSIDE THE SHELTER, BEFORE CONNECTING TO THE SURGE SUPPRESSORS. SEE EQUIPMENT & COAXIAL CABLE SCHEDULE FOR COLOR CODING SCHEME.
- NOTES:

INSTALLATION OF MICROWAVE EQUIPMENT IS NOT PART OF THIS CONTRACT AND IS NOT TO BE CONSIDERED AS PART OF THIS BUILDING PERMIT.

EXHIBIT C

PUP2016-00018

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NO.	DATE	REVISIONS	BY	CHK	APP'D



MISSION 1
COMMUNICATIONS

6355 Constitution Drive, Suite A
Fort Wayne, IN 46804





TOWER ELEVATION AND ANTENNA INFORMATION		C-3	
WATER RECLAMATION FACILITY			
9401 WRVA RD			
RICHMOND, VA 23231			

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