



# MARYLAND DEPARTMENT OF THE ENVIRONMENT

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Governor

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Secretary

Anthony G. Brown  
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STATE DISCHARGE PERMIT NUMBER	08-DP-3437	NPDES PERMIT NUMBER	MD0069035
EFFECTIVE DATE	November 1, 2011	EXPIRATION DATE	October 31, 2016
MODIFICATION DATE:	N/A	REAPPLICATION DATE	October 31, 2015

Pursuant to the provisions of Title 9 of the Environment Article, Annotated Code of Maryland, and regulations promulgated thereunder, and the provisions of the Clean Water Act, 33 U.S.C. § 1251 et seq. and implementing regulations 40 CFR Parts 122, 123, 124, and 125, the Department of the Environment, hereinafter referred to as the "Department," hereby authorizes

Washington Metropolitan Area Transit Authority  
3500 Pennsy Drive  
Landover, MD 20785

TO DISCHARGE FROM

a series of subway tunnel groundwater pumping stations on the Red Line

LOCATED AT

Eight sites described herein, all in Montgomery County, Maryland

VIA OUTFALLS

001 through 008 as identified and described herein

TO

Storm sewers to Little Falls Branch, Rock Creek, Sligo Creek, or tributaries thereof, which are protected for (Use I, I-P, and IV) public water supply, water contact recreation, fishing, aquatic life, recreational trout waters, and wildlife in accordance with the following special and general conditions and maps made a part hereof.



## I. SPECIAL CONDITIONS

### A. DESCRIPTION OF DISCHARGES REGULATED BY THIS PERMIT

The outfalls, pumping station names, locations, MD coordinates, receiving streams (and Water Use) and points at which they can be monitored are as follows:

001: Oliver Street Pumping Station A-5, Wisconsin Ave. & Drummond Ave., Friendship Heights, 412.87 N, 775.0 E, storm sewer to Little Falls Branch (I-P). Outfall 001 shall be monitored at Oliver Street A-5. Location: Approximately 50 feet north of Wisconsin Ave. and Somerset Terrace in a manhole.

002: Medical Center Pumping Station A-6, Rockville Pike and Locust Hill Rd., Bethesda, 428.5 N, 772.3 E, storm sewer to an unnamed tributary to Rock Creek (Use I). Outfall 002 shall be monitored at Medical Center A-6. Location: Northwest corner of Rockville Pike at Locust Hill Rd in a manhole/ storm drain.

003: Flanders Pumping Station A-8, Rockville Pike and Edson La., North Bethesda, 438.5 N, 769.5 E, storm sewer to an unnamed tributary to Rock Creek (Use I). Outfall 003 shall be monitored at Flanders A-8. Location: White Flint Mall entrance off of Rockville Pike. Approximately 20 feet southeast of White Flint sign in a manhole.

004: White Flint Pumping Station A-9, Rollins Ave. and Bou St., Rockville, 445.7 N, 767.2 E, storm sewer to an unnamed tributary to Rock Creek (Use I). Outfall 004 shall be monitored at White Flint A-9. The sample vault is located 100 feet from the Bou Avenue entrance to the parking garage inside the grass/planter bed area behind the Target Office Building.

005: Woodside Pumping Station B-3, 16<sup>th</sup> St. and Noyes Dr., Silver Spring, 426.6 N, 788.5 E, storm sewer to an unnamed tributary to Rock Creek (Use I). Outfall 005 shall be monitored at Woodside Pumping Station B-3. Location: Approximately 30 feet east under 16th St. overpass next to the CSX Railroad. (Take 2nd Ave. off of 16th St. to Noyes La.). Sampling is at the end of an approximately 16-inch cement pipe at ground level.

006: Seminary Road Pumping Station B-4, Georgia Ave. and White Oak Dr., Silver Spring, 428.0 N, 788.6 E storm sewer to an unnamed tributary to Sligo Creek (Use I). Outfall 006 shall be monitored at Seminary Road Pumping Station B-4. Location: Approximately 70 feet west of Georgia Ave. on Seminary Pl. catch basin is directly in front of 1901 Seminary Pl. sign. Sampling is done under a manhole/ storm drain.

007: Wheaton Pumping Station B-5, 11517 Georgia Ave., Wheaton, 441.0 N 785.0 E, storm sewer to Sligo Creek (Use I). Outfall 007 shall be monitored at Wheaton Pumping Station B-5. The sampling location is a manhole located in the grass area on the edge on the sidewalk along northbound Georgia Avenue. The manhole is approximately 100 feet north of the intersection of Georgia and Blueridge Avenues.

008: Glenmont Pumping Station B-6, 12501 Georgia Ave., Glenmont, 447.8 N, 784.3 E, storm sewer to Lutes Run and Bel Pre Creek, a tributary series flowing to Northwest Branch Anacostia River (Use IV). Outfall 008 shall be monitored at Glenmont Pumping Station B-6. The sampling location is a manhole. The manhole is located in the street on southbound Georgia Avenue approximately 150 feet from the intersection of Glen Allen Avenue and Georgia Avenue.

I. SPECIAL CONDITIONS

B. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

During the effective period of this permit, the permittee is authorized to discharge groundwater from subway tunnels via Outfall 001 through 008.

As specified below, such discharge shall be limited and monitored by the permittee at the location described in Section I.A.

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			FREQUENCY OF ANALYSIS	SAMPLE TYPE	NOTES
	MONTHLY AVERAGE	DAILY MAXIMUM	UNITS	MINIMUM	MONTHLY AVERAGE	DAILY MAXIMUM			
Flow	Report	Report	gpd				1/Month	Measured	
Oil & Grease							1/Month	Grab	(1)
Total Suspended Solids					30	45	1/Month	Grab	(2)
pH				6.5		8.5	1/Month	Grab	(3)

There shall be no discharge of floating solids or persistent foam in other than trace amounts. Persistent foam is foam that does not dissipate within one half-hour of point of discharge.

- (1) Monitoring for oil and grease is required only if there is a spill or leak that contaminates the incoming groundwater or that part of the tunnel where groundwater could be contaminated. At such times, the permittee shall commence monitoring at the outfall and continue until the source of the oil is determined and eliminated and the concentration of oil in the groundwater complies with the permit limit. The permittee shall notify in writing the Compliance Program when there is reason to commence monitoring.
- (2) Monitoring for total suspended solids is required at any outfall during and after there has been tunnel repair, construction or cleaning activity in tunnel areas that drain to or are in contact with groundwater. Monitoring may cease after three consecutive months where effluent is in compliance. The permittee shall notify in writing the Compliance Program when construction/monitoring is to commence.

I. SPECIAL CONDITIONS

B. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS – Continued from previous page

(3) Monitoring for pH is required during and after there has been repair or construction activity involving Portland cement in tunnel areas that are in contact with groundwater. The permittee shall notify in writing the Compliance Program when construction/monitoring is to commence. Monitoring may cease after three consecutive months where effluent is in compliance.

I. SPECIAL CONDITIONS

C. DEFINITIONS

1. "Bypass" means the intentional diversion of wastes from any portion of a treatment facility.
2. "Daily determination of concentration" means one analysis performed on any given sample representing flow during a calendar day, with one number in mg/l or other appropriate units as an outcome.
3. The "daily maximum" effluent concentration means the highest reading of any daily determination of concentration.
4. "Estimated" flow means a calculated volume or discharge rate which is based on a technical evaluation of the sources contributing to the discharge including, but not limited to, pump capabilities, water meters, and batch discharge volumes.
5. "Grab sample" means an individual sample collected in less than 15 minutes. Grab samples collected for pH and total residual chlorine shall be analyzed within 15 minutes of time of sample collection.
6. "Measured" flow means any method of liquid volume measurement the accuracy of which has been previously demonstrated in engineering practice, or for which a relationship to absolute volume has been obtained.
7. The "minimum" value means the lowest value measured during a 24-hour period.
8. The "monthly, quarterly, semi-annual, or annual average" effluent concentration means the value calculated by computing the arithmetic mean of all the daily determinations of concentration made during any calendar-month, 3-month, 6-month, or 12-month period respectively.
9. "Oil and Grease" refers to the use of and results yielded from EPA Method 1664 (or any EPA approved revisions of this analytical test method approved for use with Clean Water Act monitoring programs).
10. "Upset" means the exceptional incident in which there is unintentional and temporary noncompliance with technology-based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.

D. TOXIC POLLUTANT REPORTING

The permittee shall notify the Department as soon as it is known or suspected that any toxic pollutants which are not specifically limited by this permit have been discharged at levels specified in 40 CFR Part 122.42(a).

E. REMOVED SUBSTANCES

1. Within 30 days after notification by the Department, the permittee shall provide information on the disposal of any removed substances, as defined by General Condition B.7, including the following information:
  - a. A suitable map showing all areas used for disposal of removed substances.
  - b. The physical, chemical, and biological characteristics, as appropriate; quantities of any removed substances; and the method of disposal.
  - c. If disposal is handled by persons other than the permittee, identification of the contractor or subcontractor, their mailing address, and the information specified in a and b above.
2. The Department's notification may also require the permittee to provide the above information prior to the use of new or additional disposal areas, contractors, or subcontractors.

F. ANALYTICAL LABORATORY

Within 30 days after the effective date of this permit, the permittee shall submit to the Department the name and address of the analytical laboratory (including the permittee's own laboratory) which is used to perform the monitoring required by this permit.

If the laboratory changes during the effective period of this permit, the permittee shall notify the Department of the new laboratory within 30 days after the change.

G. WASTEWATER OPERATOR CERTIFICATION – [Reserved]

H. FLOW MONITORING

In lieu of providing measured flow (defined in the Special Conditions Definitions section) at Outfalls 001 through 008, the permittee may estimate flows and submit the following information at the time of submission of the initial discharge monitoring report and/or upon any change in the methodology:

1. a description of the methodology used to estimate flow at each outfall where flow measurement equipment is not present;
2. documentation appropriate to the methodology utilized which provides information necessary to support the validity of the reported flow estimate. If actual measurements or observations are made, a description of typical sampling times, locations, and persons performing the measurements/observations should also be provided.
3. a description of the factors (e.g., batch discharges, intermittent operation, etc.) which cause flow at the outfall to fluctuate significantly from the estimate provided.

I. FLOW BASIS FOR ANNUAL DISCHARGE PERMIT FEE – [Reserved]

J. REAPPLICATION FOR A PERMIT

The Department is implementing a schedule for issuance of discharge permits grouped by geographical areas (watersheds). To implement the watershed-based schedule, the Department may revoke and reissue this permit concurrently with other permits in the watershed.

Unless the Department grants permission for a later date, the permittee shall submit a renewal application by no later than 12 months prior to the expiration date on the first page of this permit, or notify the Department of the intent to cease discharging by the expiration date.

In the event that a timely and sufficient reapplication has been submitted and the Department is unable, through no fault of the permittee, to issue a new permit before the expiration date of this permit, the terms and conditions of this permit are automatically continued and remain fully effective and enforceable.

K. PERMIT REOPENER FOR TOTAL MAXIMUM DAILY LOAD (TMDL)

This permit may be reopened as a major modification to implement any applicable requirements associated with a Total Maximum Daily Load (TMDL) issued or approved for this watershed (Rock Creek, 02140206) AND (Anacostia River, 02140205), including but not limited to: Total Suspended Solids.

In consideration of the characteristics of this facility's discharge and the Chesapeake Bay Total Maximum Daily Load (TMDL) for Sediments, Nitrogen and Phosphorus, approved December 29, 2010, this permit limits total suspended solids, but does not introduce limits for total nitrogen and total phosphorus. Such limitations are to prevent water quality degradation of the receiving waters and ultimately Chesapeake Bay.

To ensure the Chesapeake Bay and its tributaries are further protected from discharges of sediments, nitrogen and phosphorus, this permit may be reopened as a major modification to implement any applicable requirements associated with the Chesapeake Bay TMDL. The permittee may become subject to a Department-issued General Permit regarding the discharge of such pollutants.

L. BIOMONITORING PROGRAM – [Reserved]

M. TOXICITY REDUCTION EVALUATION

The permittee shall conduct a Toxicity Reduction Evaluation (TRE) when a review of toxicity test data by the Department indicates unacceptable acute or chronic effluent toxicity. A TRE is an investigation conducted to identify the causative agents of effluent toxicity, isolate the source(s), determine the effectiveness of control options, implement the necessary control measures and then confirm the reduction in toxicity.

1. Within 90 days following notification by the Department that a TRE is required, the permittee shall submit a plan of study and schedule for conducting a TRE. The permittee shall conduct the TRE study consistent with the submitted plan and schedule.
2. This plan should follow the framework presented in Generalized Methods for Conducting Industrial Toxicity Reduction Evaluations (EPA/600/2-88/070).
3. Beginning 60 days following the date of the Department's acceptance of the TRE study plan and every 60 days thereafter, the permittee shall submit progress reports including all relevant

test data to the Department. This shall continue until completion of the toxicity reduction confirmation.

4. Within 60 days following completion of the toxicity identification, or the source identification phase of the TRE, the permittee shall submit to the Department a plan and schedule for implementing those measures necessary to eliminate acute toxicity and/or reduce chronic toxicity to acceptable levels. The implementation of these measures shall begin immediately upon submission of this plan.
5. Within 60 days after completing implementation of the control measures to eliminate or reduce toxicity, the permittee shall submit to the Department for approval a study plan to confirm the elimination or reduction of toxicity by using biomonitoring.
6. If, for any reason, the implemented measures do not result in compliance with the Department's toxicity limitations, the permittee shall continue the TRE.

N. MIXING ZONES AND POLLUTION PREVENTION – [Reserved]

O. PROTECTION OF WATER QUALITY

It is a violation of this permit to discharge any substance not otherwise listed under the permit's "Effluent Limitations and Monitoring Requirements" special conditions at a level which would cause or contribute to any exceedance of the numerical water quality standards in COMAR 26.08.02.03 unless the level and the substance were disclosed in writing in the permit application prior to the issuance of the permit. If a discharge regulated by this permit causes or contributes to an exceedance of the water quality standards in COMAR 26.08.02.03, including but not limited to the general water quality standards, or if the discharge includes a pollutant that was not disclosed or addressed in the public record for the permit determination, the Department is authorized to modify, suspend or revoke this permit or take enforcement action to address unlawful discharges of pollutants.

P. WASTEWATER SYSTEM MAINTENANCE

The permittee shall inspect the water collection well at least once per month and shall measure the accumulation of floating debris and sediments. The permittee shall remove these materials before they accumulate to a thickness that would cause these pollutants to be discharged. The permittee shall stop discharging during and for at least one hour after cleaning out the system. A logbook shall be kept indicating the date and the results of each inspection of maintenance activity.

Q. BEST MANAGEMENT PRACTICES

The permittee shall have, update (as necessary) and implement a best management practices plan that will minimize the routine or accidental introduction of pollutants to groundwater from maintenance, new construction, or subway operation activities in the tunnel. The plan may incorporate any existing plans, such as spill prevention and control plans, that contribute to pollution prevention or control.

R. STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY – [Reserved]



## II. GENERAL CONDITIONS

### A. MONITORING AND REPORTING

#### 1. REPRESENTATIVE SAMPLING

Samples and measurements taken as required herein shall be taken at such times as to be representative of the quantity and quality of the discharges during the specified monitoring periods.

#### 2. REPORTING-MONITORING RESULTS SUBMITTED QUARTERLY

Monitoring results obtained during the calendar quarter shall be summarized on a Discharge Monitoring Report form (EPA No. 3320-1). For each effluent characteristic monitored at a frequency of once per month or less and not limited as a monthly average, the results obtained during the reporting period shall be summarized on a single report form for each quarter. More frequently monitored effluent characteristics and effluent characteristics limited as a monthly average shall be reported on a separate form for each calendar month of the reporting period. Results shall be submitted to the Department postmarked no later than the 28th day of the month following the end of the reporting period. Calendar quarter reporting periods end on the last day of the following months: March, June, September and December.

The reports shall be submitted to:

Maryland Department of the Environment  
Water Management Administration  
Compliance Program  
1800 Washington Boulevard  
Baltimore, Maryland 21230-1708

#### 3. SAMPLING AND ANALYSIS METHODS

The analytical and sampling methods used shall conform to procedures for the analysis of pollutants as identified in Title 40 CFR Part 136 - "Guidelines Establishing Test Procedures for the Analysis of Pollutants" unless otherwise specified.

#### 4. DATA RECORDING REQUIREMENTS

For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record the following information:

- a. the exact place, date, and time of sampling or measurement;
- b. the person(s) who performed the sampling or measurement;
- c. the dates and times the analyses were performed;
- d. the person(s) who performed the analyses;
- e. the analytical techniques or methods used; and
- f. the results of all required analyses.

#### 5. MONITORING EQUIPMENT MAINTENANCE

The permittee shall periodically calibrate and perform maintenance procedures on all monitoring and analytical instrumentation to insure accuracy of measurements.

6. ADDITIONAL MONITORING BY PERMITTEE

If the permittee monitors any pollutant, using approved analytical methods as specified above, at the locations designated herein more frequently than required by this permit, the results of such monitoring, including the increased frequency, shall be included in the calculation and reporting of the values required in the Discharge Monitoring Report form (EPA No. 3320-1).

7. RECORDS RETENTION

All records and information resulting from the monitoring activities required by this permit, including all records of analyses performed, calibration and maintenance of instrumentation, and original recordings from continuous monitoring instrumentation shall be retained for a minimum of three years. This period shall be automatically extended during the course of litigation, or when requested by the Department.

B. MANAGEMENT REQUIREMENTS

1. CHANGE IN DISCHARGE

All discharges authorized herein shall be consistent with the terms and conditions of this permit. The discharge of any pollutant identified in this permit at a level in excess of that authorized shall constitute a violation of the terms and conditions of this permit. The permittee shall report any anticipated facility expansions, production increases, or process modifications which will result in new, different or an increased discharge of pollutants by submitting a new application at least 180 days prior to the commencement of the changed discharge except that if the change only affects a listed pollutant and will not violate the effluent limitations specified in this permit, by providing written notice to the Department. Following such notice, the permit may be modified by the Department to include new effluent limitations on those pollutants.

2. NONCOMPLIANCE WITH EFFLUENT LIMITATIONS

If, for any reason, the permittee does not comply with or will be unable to comply with any daily maximum or daily minimum effluent limitation specified in this permit, the permittee shall notify the Inspection and Compliance Program by telephone at (410) 537-3510 within 24 hours of becoming aware of the noncompliance. Within five calendar days, the permittee shall provide the Department with the following information in writing:

- a. a description of the non-complying discharge including its impact upon the receiving waters;
- b. cause of noncompliance;
- c. anticipated time the condition of noncompliance is expected to continue or if such condition has been corrected, the duration of the period of noncompliance;
- d. steps taken by the permittee to reduce and eliminate the non-complying discharge;
- e. steps to be taken by the permittee to prevent recurrence of the condition of noncompliance; and

- f. a description of the accelerated or additional monitoring by the permittee to determine the nature and impact of the noncomplying discharge.

3. FACILITIES OPERATION

All treatment, control and monitoring facilities, or systems installed or used by the permittee, are to be maintained in good working order and operated efficiently.

4. ADVERSE IMPACT

The permittee shall take all reasonable steps to minimize or prevent any adverse impact to waters of the State or to human health resulting from noncompliance with any effluent limitations specified in this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge.

5. BYPASSING

Any bypass of treatment facilities necessary to maintain compliance with the terms and conditions of this permit is prohibited unless:

- a. the bypass is unavoidable to prevent a loss of life, personal injury or substantial physical damage to property, damage to the treatment facilities which would cause them to become inoperable, or substantial and permanent loss of natural resources;
- b. there are no feasible alternatives;
- c. notification is received by the Department within 24 hours (if orally notified, then followed by a written submission within five calendar days of the permittee's becoming aware of the bypass). Where the need for a bypass is known (or should have been known) in advance, this notification shall be submitted to the Department for approval at least ten calendar days before the date of bypass or at the earliest possible date if the period of advance knowledge is less than ten calendar days; and
- d. the bypass is allowed under conditions determined by the Department to be necessary to minimize adverse effects.

6. CONDITIONS NECESSARY FOR DEMONSTRATION OF AN UPSET

An upset shall constitute an affirmative defense to an action brought for noncompliance with technology-based effluent limitations only if the permittee demonstrates, through properly signed, contemporaneous operating logs, or other relevant evidence, that:

- a. an upset occurred and that the permittee can identify the specific cause(s) of the upset;
- b. the permitted facility was at the time being operated in a prudent and workman-like manner and in compliance with proper operation and maintenance procedures;
- c. the permittee submitted a 24-hour notification of upset in accordance with the reporting requirements of General Condition II.B.2 above;
- d. the permittee submitted, within five (5) calendar days of becoming aware of the upset, documentation to support and justify the upset; and

- e. the permittee complied with any remedial measures required to minimize adverse impact.

7. REMOVED SUBSTANCES

Wastes such as solids, sludges, or other pollutants removed from or resulting from treatment or control of wastewaters, or facility operations, shall be disposed of in a manner to prevent any removed substances or runoff from such substances from entering or from being placed in a location where they may enter the waters of the State.

8. POWER FAILURE

In order to maintain compliance with the effluent limitations and prohibitions of this permit, the permittee shall either:

- a. provide an alternative power source sufficient to operate the wastewater collection and treatment facilities or,
- b. halt, reduce or otherwise control production and all discharges upon the reduction, loss, or failure of the primary source of power to the wastewater collection and treatment facilities.

C. RESPONSIBILITIES

1. RIGHT OF ENTRY

The permittee shall permit the Secretary of the Department, the Regional Administrator for the Environmental Protection Agency, or their authorized representatives, upon the presentation of credentials to:

- a. enter upon the permittee's premises where an effluent source is located or where any records are required to be kept under the terms and conditions of this permit;
- b. access and copy, at reasonable times, any records required to be kept under the terms and conditions of this permit;
- c. inspect, at reasonable times, any monitoring equipment or monitoring method required in this permit;
- d. inspect, at reasonable times, any collection, treatment, pollution management, or discharge facilities required under this permit; and
- e. sample, at reasonable times, any discharge of pollutants.

2. TRANSFER OF OWNERSHIP OR CONTROL OF FACILITIES

In the event of any change in ownership or control of facilities from which the authorized discharge emanates, the permit may be transferred to another person if:

- a. the permittee notifies the Department in writing, of the proposed transfer;

- b. a written agreement, indicating the specific date of proposed transfer of permit coverage and acknowledging responsibilities of current and new permittees for compliance with the liability for the terms and conditions of this permit, is submitted to the Department; and
- c. neither the current permittee nor the new permittee receive notification from the Department, within 30 calendar days, of intent to modify, revoke, reissue or terminate the existing permit.

3. REAPPLICATION FOR A PERMIT –[Reserved]

4. AVAILABILITY OF REPORTS

Except for data determined to be confidential under Section 308 of the Clean Water Act, 33 U.S.C. § 1318, all submitted data shall be available for public inspection at the offices of the Department and the Regional Administrator of the Environmental Protection Agency.

5. PERMIT MODIFICATION

A permit may be modified by the Department upon written request of the permittee and after notice and opportunity for a public hearing in accordance with and for the reasons set forth in 40 CFR § 122.62 and 122.63.

6. PERMIT MODIFICATION, SUSPENSION, OR REVOCATION

After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked and reissued in whole or in part during its term, in accordance with the provisions set forth in COMAR 26.08.04.10, for causes including, but not limited to, the following:

- a. violation of any terms or conditions of this permit;
- b. obtaining this permit by misrepresentation or failure to disclose fully all relevant facts;
- c. a change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge; or
- d. a determination that the permitted discharge poses a threat to human health or welfare or to the environment and can only be regulated to acceptable levels by permit modification or termination.
- e. upon a final, unreviewable determination that the permittee lacks, or is in violation, of any federal, state, or local approval necessary to conduct the activities by this permit.

7. TOXIC POLLUTANTS

If a toxic effluent standard or prohibition (including any schedule of compliance specified in such toxic effluent standard or prohibition) is established by the U.S. Environmental Protection Agency, or pursuant to Section 9-314 of the Environment Article, Annotated Code of Maryland, for a toxic pollutant which is present in the discharges authorized herein and such standard is more stringent than any limitation upon such pollutant in this permit, this permit shall be revoked and reissued or modified in accordance with the toxic effluent standard or prohibition and the permittee so notified. Any effluent standard established in this case for a

pollutant which is injurious to human health is effective and enforceable by the time set forth in the promulgated standard, even absent permit modification.

8. OIL AND HAZARDOUS SUBSTANCES PROHIBITED

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibility, liability, or penalties to which the permittee may be subject under Section 311 of the Clean Water Act (33 U.S.C. § 1321), or under the Annotated Code of Maryland.

9. CIVIL AND CRIMINAL LIABILITY

Except as provided in permit conditions on "bypassing," "upset," and "power failure," nothing in this permit shall be construed to preclude the institution of any legal action nor relieve the permittee from civil or criminal responsibilities and/or penalties for noncompliance with Title 9 of the Environment Article, Annotated Code of Maryland or any federal, local, or other State law or regulation.

10. PROPERTY RIGHTS/COMPLIANCE WITH OTHER REQUIREMENTS

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of federal, State or local laws or regulations.

11. SEVERABILITY

The provisions of this permit are severable. If any provisions of this permit shall be held invalid for any reason, the remaining provisions shall remain in full force and effect. If the application of any provision of this permit to any circumstances is held invalid, its application to other circumstances shall not be affected.

12. WATER CONSTRUCTION AND OBSTRUCTION

This permit does not authorize the construction or placing of physical structures, facilities, or debris, or the undertaking of related activities in any waters of the State.

13. COMPLIANCE WITH WATER POLLUTION ABATEMENT STATUTES

The permittee shall comply at all times with the provisions of the Environment Article, Title 7, Subtitle 2 and Title 9, Subtitle 3 of the Annotated Code of Maryland and the Clean Water Act, 33 U.S.C. § 1251 et seq.

14. ACTION ON VIOLATIONS

The issue or reissue of this permit does not constitute a decision by the State not to proceed in administrative, civil, or criminal action for any violations of State law or regulations occurring before the issue or reissue of this permit, nor a waiver of the State's right to do so.

15. CIVIL PENALTIES FOR VIOLATIONS OF PERMIT CONDITIONS

In addition to civil penalties for violations of State water pollution control laws set forth in Section 9-342 of the Environment Article, Annotated Code of Maryland, the Clean Water Act

provides that any person who violates Section 301, 302, 306, 307, 308, 318 or 405 of the Act, or any permit condition or limitation implementing any of such sections in a permit issued under Section 402 of the Act or in a permit issued under Section 404 of the Act, is subject to a civil penalty not to exceed \$37,500 per day for each violation.

16. CRIMINAL PENALTIES FOR VIOLATIONS OF PERMIT CONDITIONS

In addition to criminal penalties for violations of State water pollution control laws set forth in Section 9-343 of the Environment Article, Annotated Code of Maryland, the Clean Water Act provides that:

- a. any person who negligently violates Section 301, 302, 306, 307, 308, 318, or 405 of the Act, or any permit condition or limitation implementing any of such sections in a permit issued under Section 402 of the Act, or in a permit issued under Section 404 of the Act, is subject to a fine of not less than \$2,500 nor more than \$25,000 per day of violation, or by imprisonment for not more than one (1) year, or by both.
- b. any person who knowingly violates Section 301, 302, 306, 307, 308, 318 or 405 of the Act, or any permit condition or limitation implementing any of such sections in a permit issued under Section 402 of the Act, or in a permit issued under Section 404 of the Act, is subject to a fine of not less than \$5,000 nor more than \$50,000 per day of violation, or by imprisonment for not more than three (3) years, or by both.
- c. any person who knowingly violates Section 301, 302, 306, 307, 318 or 405 of the Act, or any permit condition or limitation implementing any of such sections in a permit issued under Section 402 of the Act, or in a permit issued under Section 404 of the Act, and who knows at that time that he thereby places another person in imminent danger of death or serious bodily injury, is subject to a fine of not more \$250,000 or imprisonment of not more than 15 years, or both.
- d. any person who knowingly makes any false material statement, representation, or certification in any application, record, report, plan, or other document filed or required to be maintained under the Act or who knowingly falsifies, tampers with or renders inaccurate any monitoring device or method required to be maintained under the Act, is subject to a fine of not more than \$10,000 or by imprisonment for not more than two (2) years, or by both.

17. DUTY TO PROVIDE INFORMATION

The permittee shall furnish to the Director, within a reasonable time, any information which the Director may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The permittee shall also furnish to the Director, upon request, copies of records required to be kept by this permit.

18. SIGNATORY REQUIREMENTS

All applications, reports, or information submitted to the Director shall be signed and certified as required by 40 CFR 122.22.

19. REOPENER CLAUSE FOR PERMITS

This permit shall be modified, or alternatively, revoked and reissued, to comply with any applicable effluent standard or limitation issued or approved under Sections 301, 304, and 307 of the Clean Water Act [33 USCS §§ 1311, 1314, 1317] if the effluent standard or limitation so issued or approved:

- a. contains different conditions or is otherwise more stringent than any effluent limitation in this permit or
- b. controls any pollutant not limited in this permit. This permit, as modified or reissued under this paragraph, shall also contain any other requirements of the Act then applicable.

D. AUTHORITY TO ISSUE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMITS

On September 5, 1974, the Administrator of the U.S. Environmental Protection Agency approved the proposal submitted by the State of Maryland for the operation of a permit program for discharges into navigable waters pursuant to Section 402 of the Clean Water Act, 33 U.S.C. Section 1342.

Pursuant to the aforementioned approval, this discharge permit is both a State of Maryland discharge permit and a NPDES permit.

This permit and the authorization to discharge shall expire at midnight on the expiration date. The permittee shall not discharge after that date unless a new application has been submitted to the Department in accordance with the renewal application provisions of this permit.

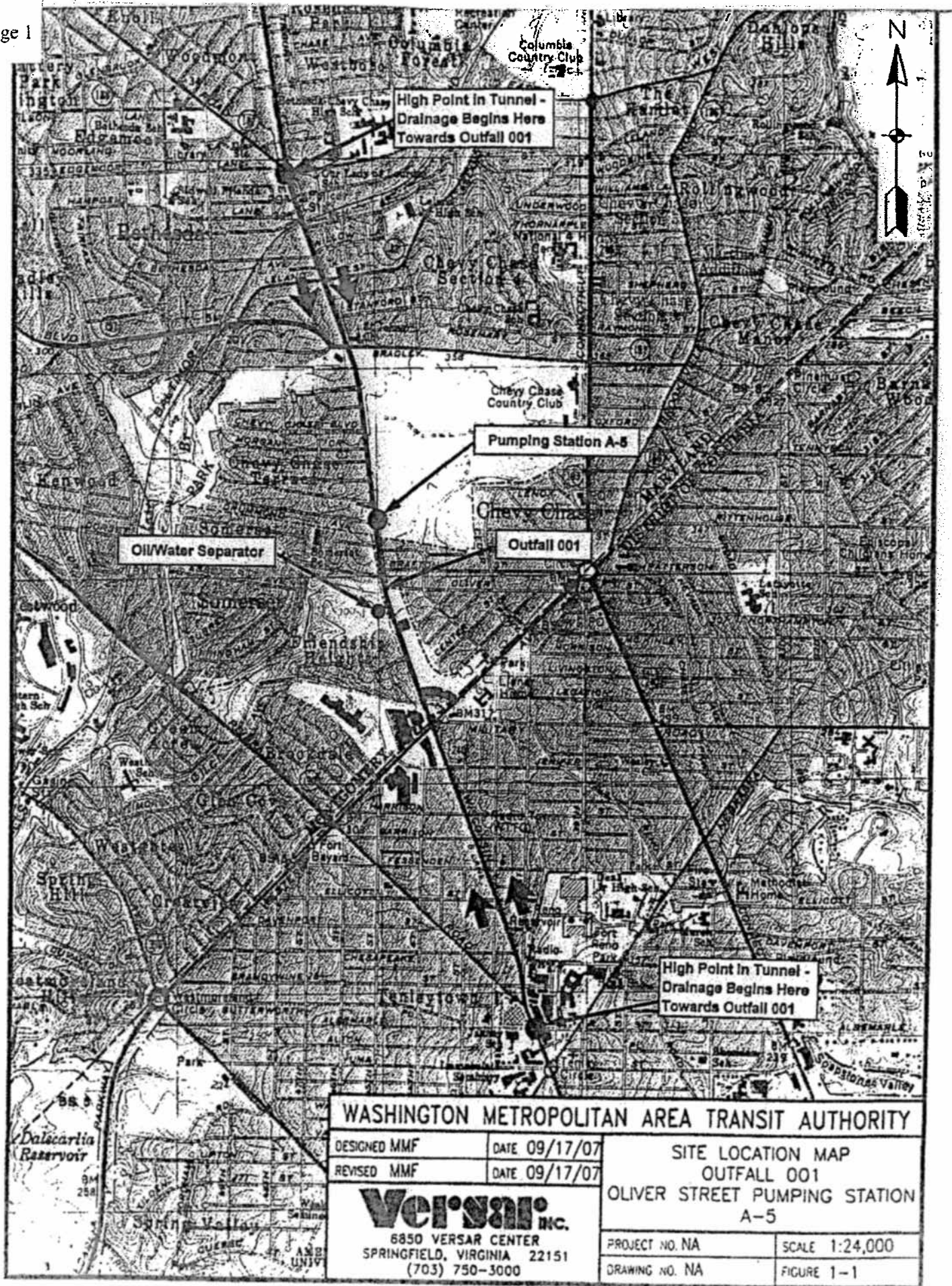


Jay G. Sakai, Director

Water Management Administration



Map Page 1



**WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY**

DESIGNED MMF	DATE 09/17/07
REVISED MMF	DATE 09/17/07

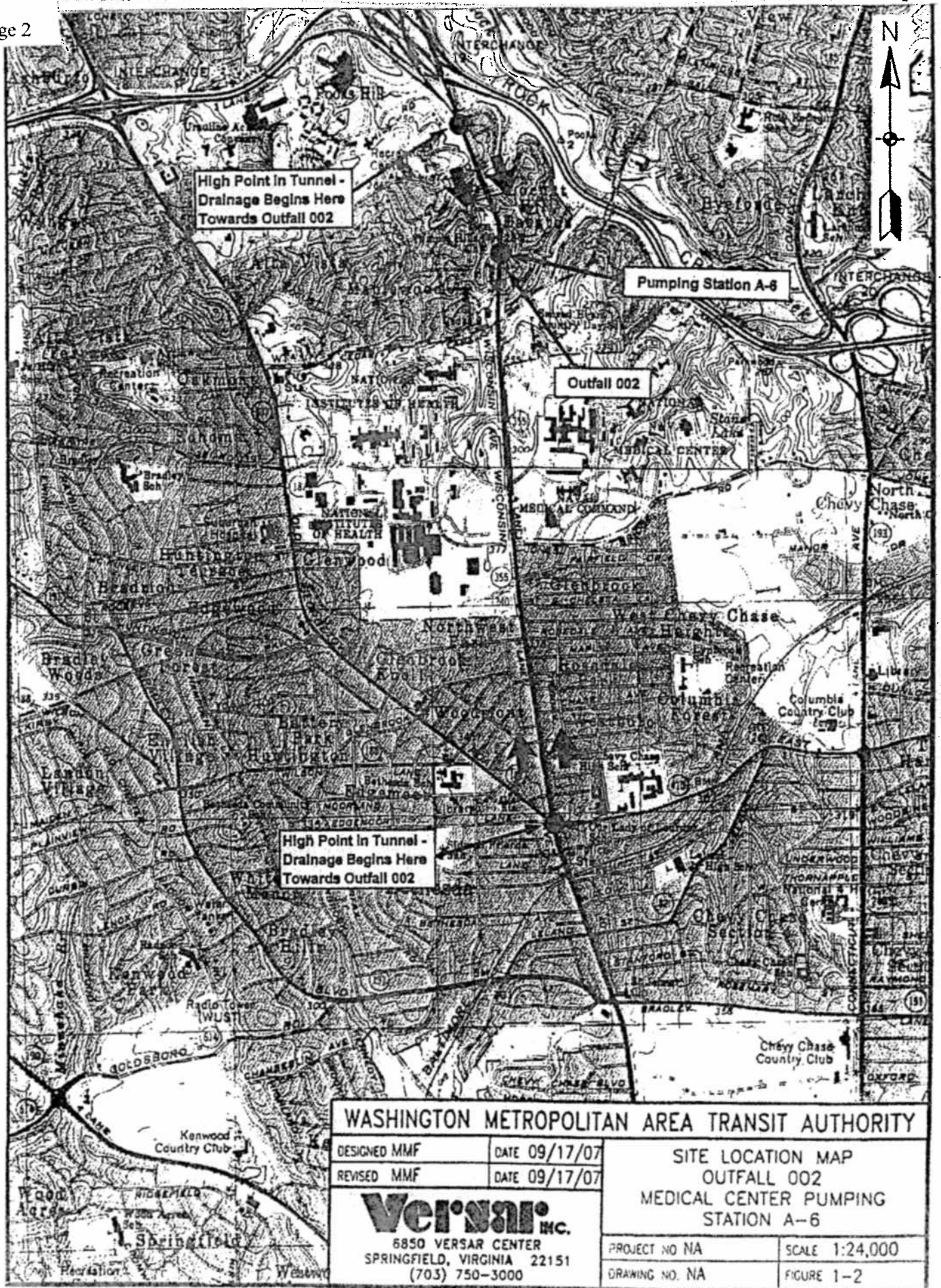
SITE LOCATION MAP  
 OUTFALL 001  
 OLIVER STREET PUMPING STATION  
 A-5

**Versar** inc.

6850 VERSAR CENTER  
 SPRINGFIELD, VIRGINIA 22151  
 (703) 750-3000

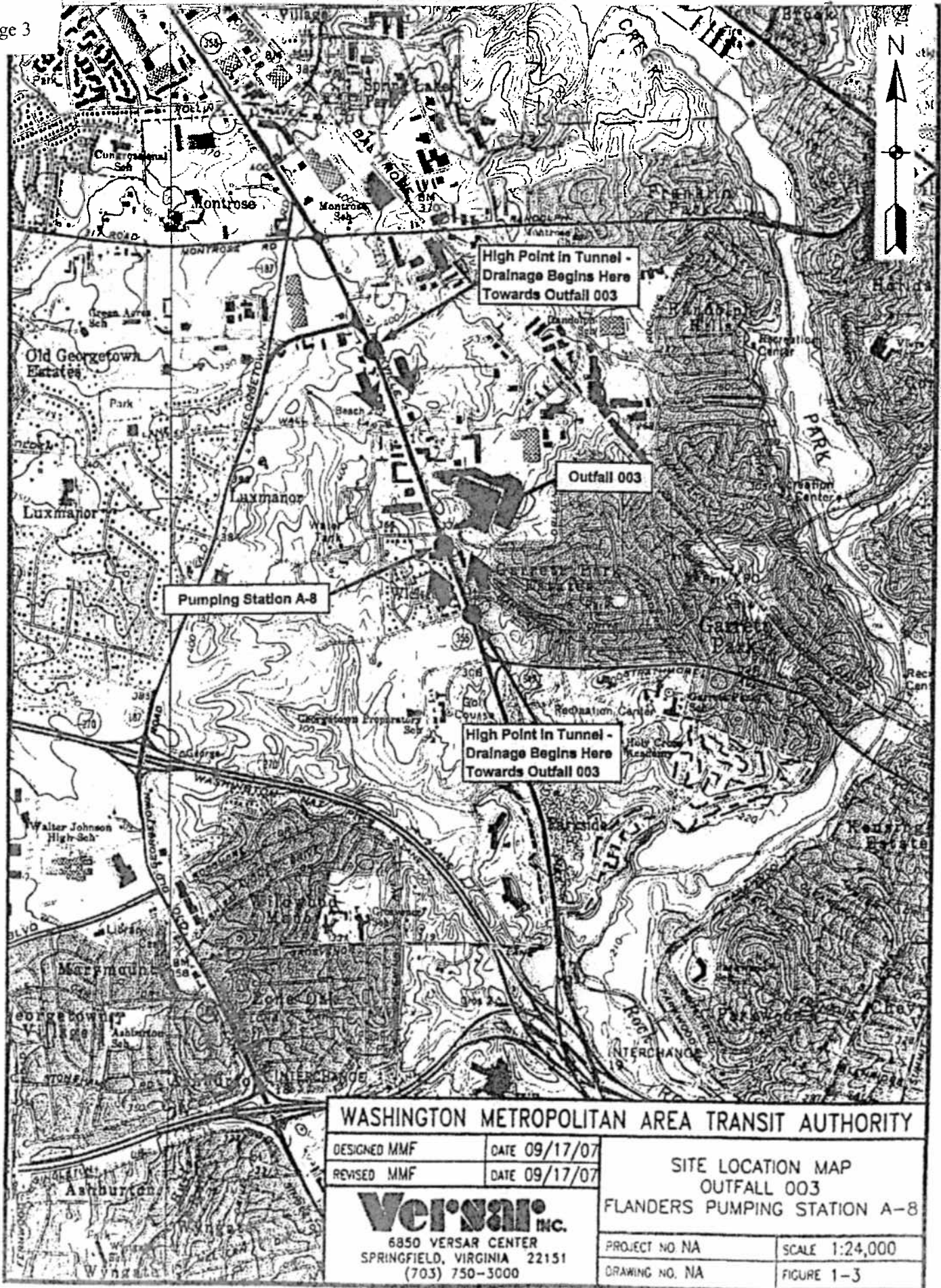
PROJECT NO. NA	SCALE 1:24,000
DRAWING NO. NA	FIGURE 1-1

Map Page 2



<b>WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY</b>			
DESIGNED MMF	DATE 09/17/07	SITE LOCATION MAP OUTFALL 002 MEDICAL CENTER PUMPING STATION A-6	
REVISED MMF	DATE 09/17/07		
<b>Versar</b> INC.		PROJECT NO NA	SCALE 1:24,000
6850 VERSAR CENTER SPRINGFIELD, VIRGINIA 22151 (703) 750-3000		DRAWING NO. NA	FIGURE 1-2

Map Page 3



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

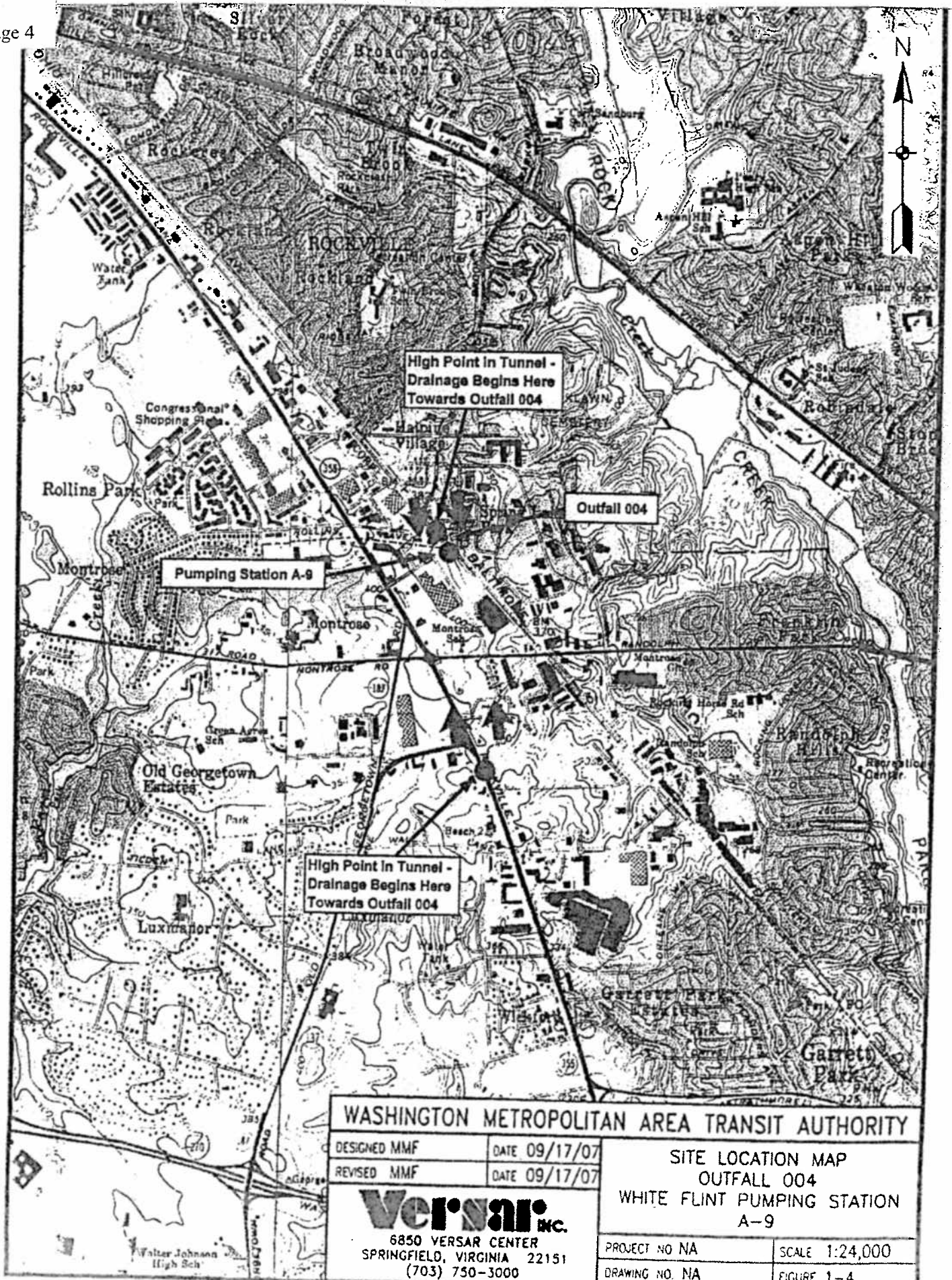
DESIGNED MMF	DATE 09/17/07
REVISED MMF	DATE 09/17/07

**Versar**  
INC.  
6850 VERSAR CENTER  
SPRINGFIELD, VIRGINIA 22151  
(703) 750-3000

SITE LOCATION MAP  
OUTFALL 003  
FLANDERS PUMPING STATION A-8

PROJECT NO NA	SCALE 1:24,000
DRAWING NO. NA	FIGURE 1-3

Map Page 4



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

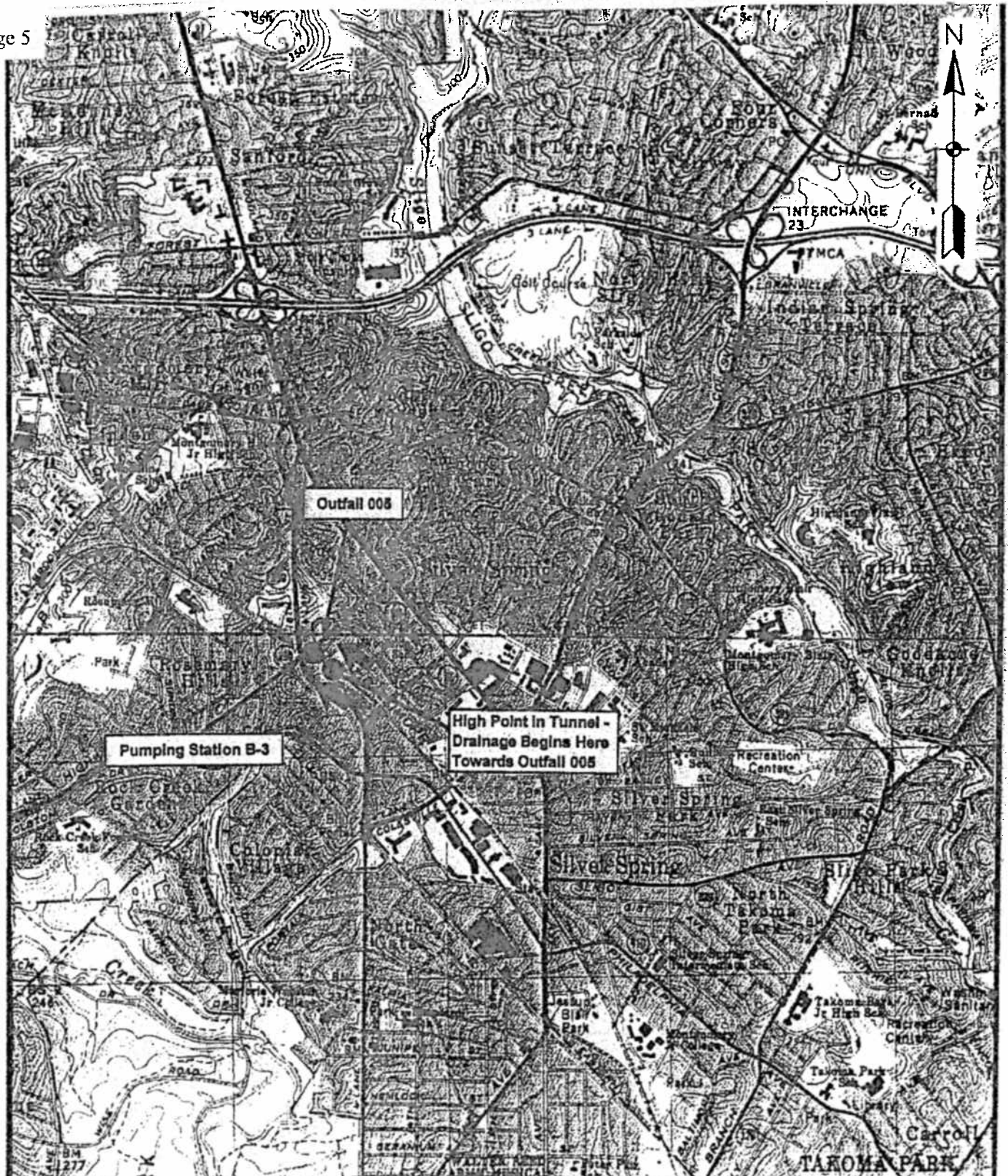
DESIGNED MMF	DATE 09/17/07
REVISED MMF	DATE 09/17/07

**Versar** INC.  
 6850 VERSAR CENTER  
 SPRINGFIELD, VIRGINIA 22151  
 (703) 750-3000

SITE LOCATION MAP  
 OUTFALL 004  
 WHITE FLINT PUMPING STATION  
 A-9

PROJECT NO NA	SCALE 1:24,000
DRAWING NO. NA	FIGURE 1-4

Map Page 5



**WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY**

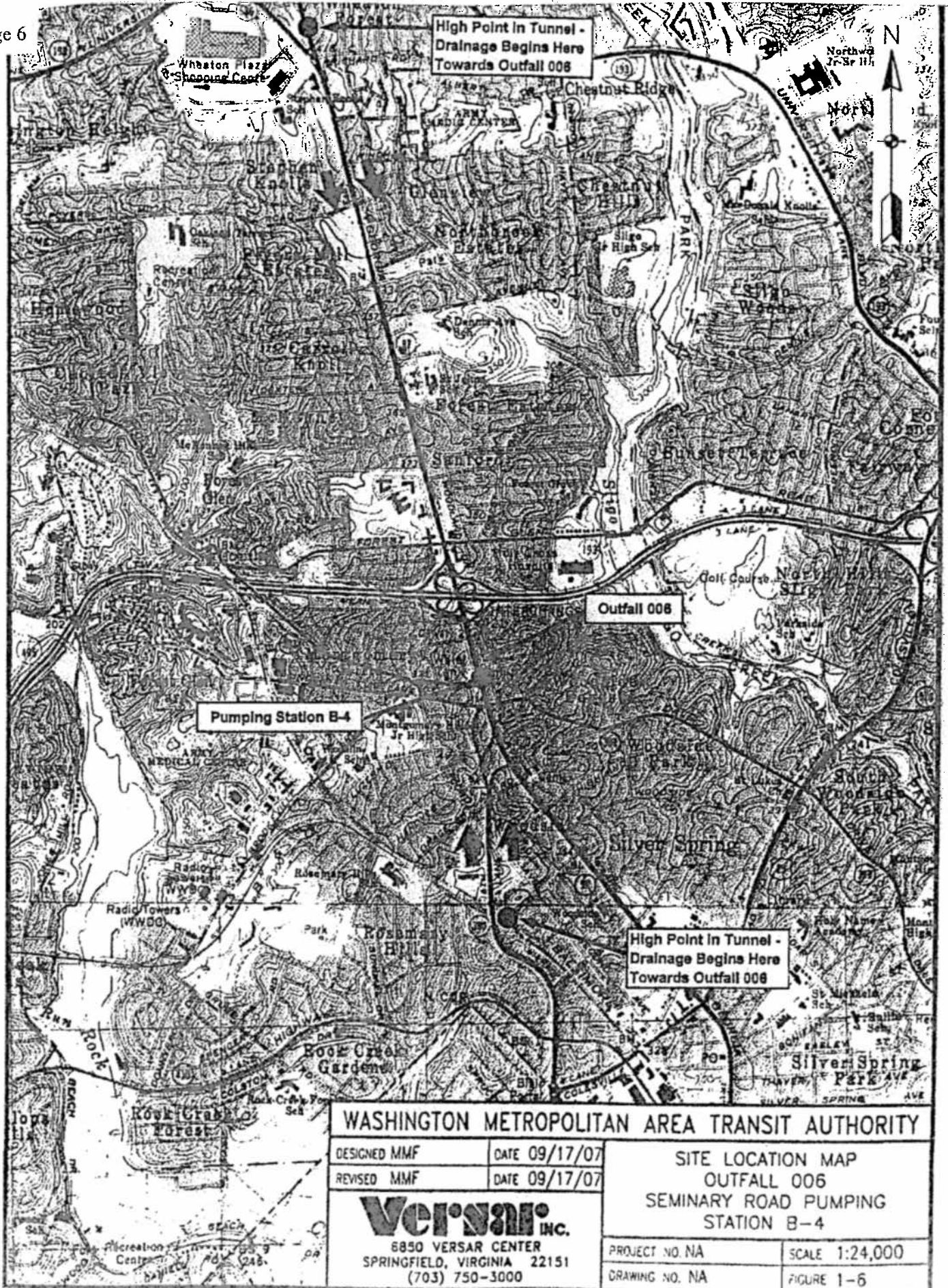
DESIGNED MMF	DATE 09/17/07
REVISED MMF	DATE 09/17/07

SITE LOCATION MAP  
 OUTFALL 005  
 WOODSIDE PUMPING STATION B-3

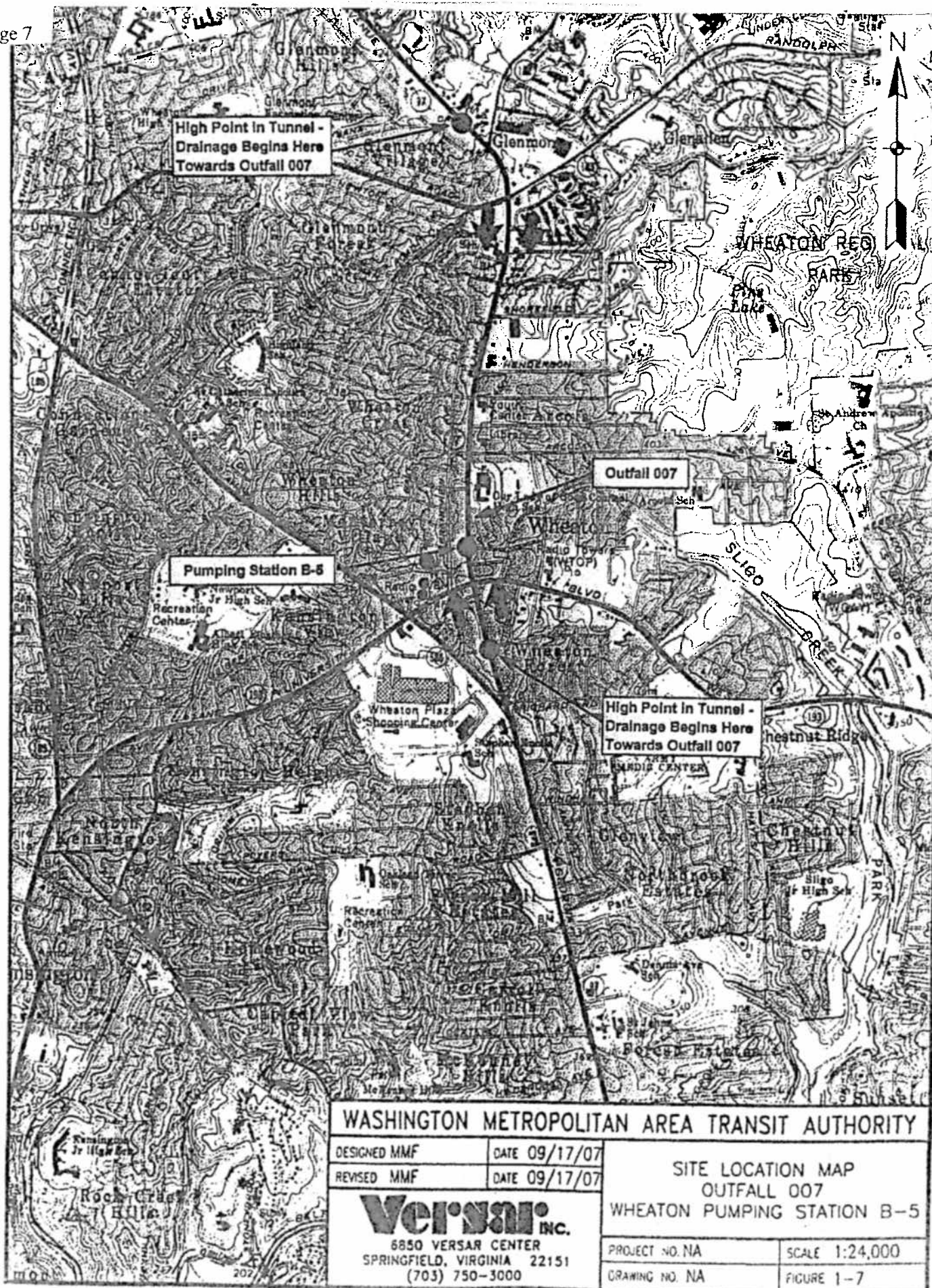
**Versar** INC.  
 6850 VERSAR CENTER  
 SPRINGFIELD, VIRGINIA 22151  
 (703) 750-3000

PROJECT NO. NA	SCALE 1:24,000
DRAWING NO. NA	FIGURE 1-5

Map Page 6

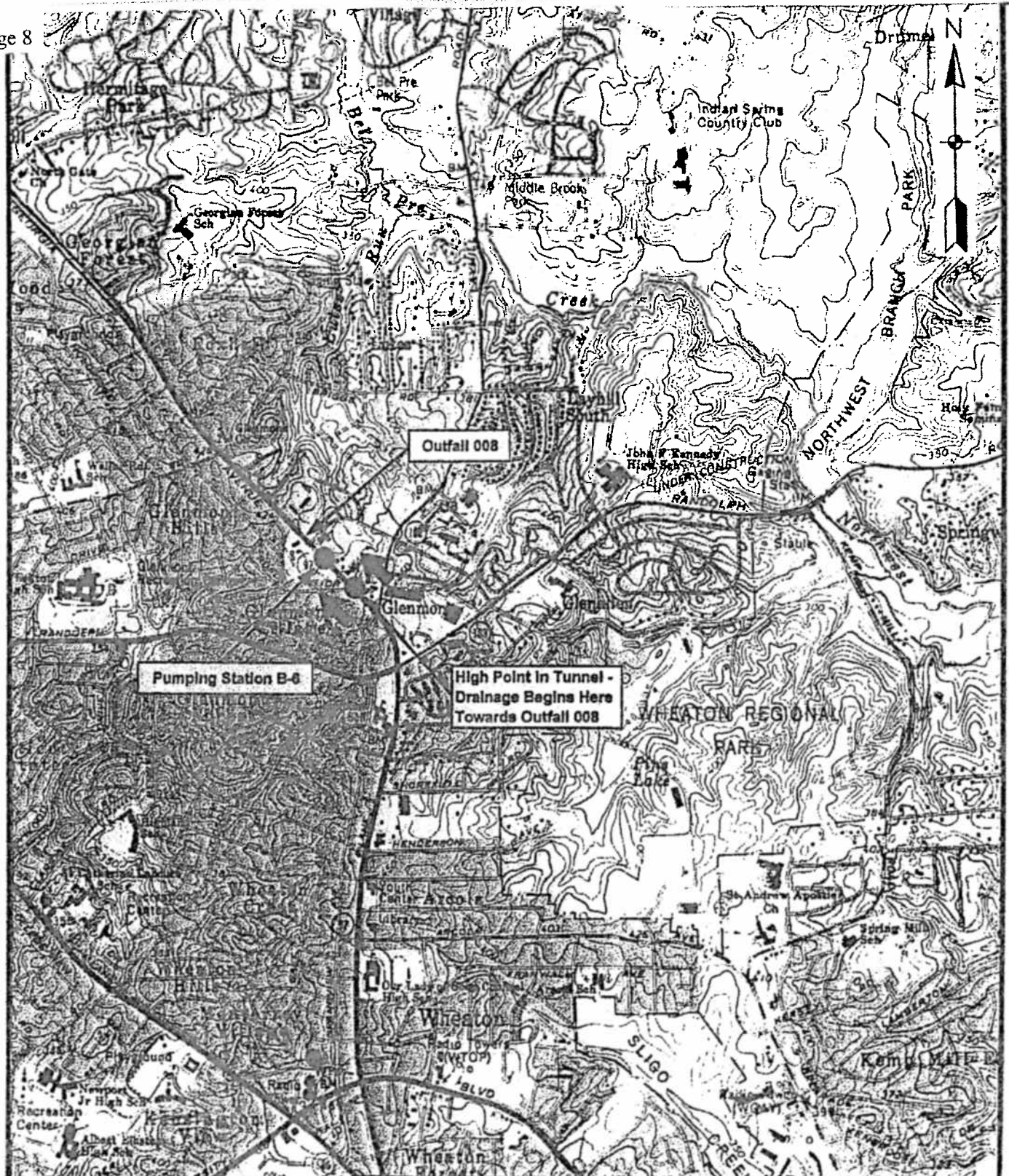


Map Page 7



<b>WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY</b>			
DESIGNED MMF	DATE 09/17/07	SITE LOCATION MAP OUTFALL 007 WHEATON PUMPING STATION B-5	
REVISED MMF	DATE 09/17/07		
<b>Versar</b> INC.		PROJECT NO. NA	SCALE 1:24,000
6850 VERSAR CENTER SPRINGFIELD, VIRGINIA 22151 (703) 750-3000		DRAWING NO. NA	FIGURE 1-7

Map Page 8



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

DESIGNED MMF	DATE 09/17/07
REVISED MMF	DATE 09/17/07

SITE LOCATION MAP  
 OUTFALL 008  
 GLENMONT PUMPING STATION  
 B-6

**Versar** INC.  
 6850 VERSAR CENTER  
 SPRINGFIELD, VIRGINIA 22151  
 (703) 750-3000

PROJECT NO. NA	SCALE 1:24,000
DRAWING NO. NA	FIGURE 1-8



PERMITTEE NAME (Include Facility Name, Location, & District)

NATIONAL POLLUTANT DISCHARGE MONITORING REPORT (NPDMS) (17.1.9)

Form Approved OMB No. 2040-0004 Approval expires 05-31-98

PERMIT NUMBER

DISCHARGE NUMBER

MONITORING PERIOD: YEAR MO DAY TO YEAR MO DAY

Check here if No Discharge

NOTE: Read Instructions before completing this form

FACILITY LOCATION

Table with columns: PARAMETER (32-37), QUANTITY OR LOADING (54-61), QUANTITY OR CONCENTRATION (54-61), FREQUENCY OF ANALYSIS (64-68), SAMPLE TYPE (69-70), TYPED OR PRINTED, NAME/TITLE, PRINCIPAL EXECUTIVE OFFICER, COMMENTS AND EXPLANATION OF ANY VIOLATIONS, SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT, TELEPHONE, AREA CODE, NUMBER, YEAR, MO, DAY.

## Paperwork Reduction Act Notice

Public reporting burden for this collection of information is estimated to vary from a range of 10 hours as an average per response for some minor facilities, to 110 hours as an average per response for some major facilities, with a weighted average for major and minor facilities of 18 hours per response, including time for completing and reviewing the collection of information, including suggestion for reducing the burden, to Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 401 M Street, S.W. Washington, DC 20460; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503.

### General Instructions

1. If form has been partially completed by preprinting, disregard instructions directed at entry of that entry already preprinted.
2. Enter "Permittee Name/Mailing Address (and facility name/location, if different)", "Permit Number", and "Discharge Number" where indicated. (A separate form is required for each discharge.)
3. Enter Dates beginning and ending "Monitoring Period" covered by form where indicated.
4. Enter each "Parameter" as specified in monitoring requirements of permit.
5. Enter "Sample Measurement" data for each parameter under "Quantity" and "Quality" in units specified in permit. "Average" is normally arithmetic average (geometric average for bacterial parameters) of all sample measurements for each parameter obtained during "Monitoring Period". "Maximum" and "Minimum" are normally extreme high and low measurements obtained during "Monitoring Period". (Note to municipalities with secondary requirement - enter 30-day average of sample measurements under "Average" and enter maximum 7-Day average of sample measurements obtained during monitoring period under "Maximum".)
6. Enter "Permit Requirement" for each parameter under "Quality" and "Quantity" as specified in permit.
7. Under "No Ex" Enter number of sample measurements during each monitoring period that exceed maximum (and/or minimum of 7-day average as appropriate) permit requirement for each parameter. If none, enter "0".
8. Enter "Frequency of Analysis" both as "Sample Measurement" (actual frequency of sampling and analysis used during monitoring period) and as "Permit Requirement" specified in permit. (e.g., enter "Cont." for continuous monitoring, "1/7" for one day per week, "1/30" for one day per month, "1/90" for one day per quarter, etc.)
9. Enter "Sample Type" both as "Sample Measurement" (actual sample type used during monitoring period) and as "Permit Requirement" (e.g. enter "Grab" for individual sample, "24HC" for 24-hour composite, "N/A" for continuous monitoring, etc.)
10. Where violations of permit requirements are reported, attach a brief explanation to describe cause and corrective actions to be taken, and reference each violation by date.
11. If "no discharge" occurs during monitoring period, enter "No Discharge" across form in place of entry data.
12. Enter "Name/Title of Principal Executive Officer" with "Signature of Principal Executive Officer of Authorized Agent", "Telephone Number" and "Date" at the bottom of the form.
13. Mail signed report to Office(s) by date(s) specified in permit. Retain copy for your records.
14. More detailed instructions for use of their Discharge Monitoring Report (DMR) form may be obtained from Office(s) specified in permit.

### Legal Notice

This report is required by law (33 U.S.C. 1318; 40 C.F.R. 125.27). Failure to report or to report truthfully can result in civil penalties not to exceed \$10,000 per day of violation or in criminal penalties not to exceed \$25,000 per day of violation, or by imprisonment for not more than one year, or by both.



MARYLAND DEPARTMENT OF THE ENVIRONMENT

1800 Washington Boulevard • Baltimore MD. 21230

410-537-3000 • 1-800-633-6101 • www.mde.state.md.us

Martin O'Malley  
Governor

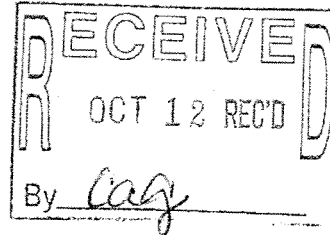
Robert M. Summers, Ph.D.  
Secretary

Anthony G. Brown  
Lieutenant Governor

OCT 7 2011

**CERTIFIED MAIL**

Joan LeLacheur, Manager, Environmental Services  
Washington Metropolitan Area Transit Authority  
3500 Pennsy Drive  
Hyattsville, MD 20785



Re: State Discharge Permit No. 08-DP-3437, NPDES Permit MD0069035

Dear Ms. LeLacheur:

Enclosed is the issued discharge permit referenced above with the effective date indicated on the cover page. The permittee is responsible for complying with all permit conditions. You are therefore advised to read the permit carefully and become thoroughly familiar with the requirements.

Enclosed are (EPA No. 3320-1) Discharge Monitoring Report (DMR) forms, which must be completed for each reporting period and submitted to the Department in accordance with the requirements of the permit. Copies of these forms can also be downloaded from the Department's website (the shortcut is [www.mde.state.md.us/assets/document/permit/newdmr.pdf](http://www.mde.state.md.us/assets/document/permit/newdmr.pdf)). Using the latest version of Adobe Acrobat Reader, the DMR form can be completed from a keyboard and printed for mailing to the Department.

You will also find enclosed a copy of the Federal Register, Part 136 - "Guidelines Establishing Test Procedures for Analysis of Pollutants". Unless otherwise specified, these guidelines are to be used for the analyses required by this permit. The most current version of 40 C.F.R. Part 136 can be found online at EPA's website. The link is [www.epa.gov/epahome/cfr40.htm](http://www.epa.gov/epahome/cfr40.htm).

Please direct all future correspondence regarding permit compliance to the following address:

Attention: Discharge Monitoring Reports  
Water Management Administration – Compliance Program  
Maryland Department of the Environment  
1800 Washington Boulevard, Suite 425  
Baltimore, Maryland 21230-1708

If you have any questions, please do not hesitate to call Harry Warfield, Industrial and General Permits Division, at (410) 537-3323.

Sincerely,

*Jay G. Sakai*  
Jay G. Sakai, Director

Water Management Administration

JGS:kh  
Enclosures

